

PPX-Series

Programmable High-Precision DC Power Supply

FEATURES

- CV, CC Priority Start Function
- Four Levels of Current Measurement Resolution (min. 0.1µA)/Two Levels of Voltage Measurement Resolution (min. 0.1mV)
- Power Output ON/OFF Delay Function
- Adjustable Voltage and Current Slew Rate
- Bleeder Circuit Control
- Delayed Over-current Protection(OCP Delay)
- Sequential Power Output Function
- Remote Sensing Function
- Data Logger
- 10 Sets of Memory Function
- Over Voltage Protection, Under Voltage Limit, Over Current Protection, Over Temperature Protection, AC Alarm Function
- Supports K Type Thermocouple Temperature Measurement
- Interfaces: USB, LAN, RS-232, RS-485, Analog Control; Opt: GPIB
- Size: 3U High, in Line with 1/4 Rack



The PPX-Series programmable high-precision DC power supplies include six models; PPX-1005(10V/5A/50W), PPX-2002(20V/2A/40W), PPX-2005(20V/5A/100W)), PPX-3601(36V/1A/36W), PPX-3603(36V/3A/108W), and PPX-10H01(100V/1A/100W). This series has the output low noise (0.35mVrms) and fast transient response characteristics (<50µs) of conventional linear power supplies. It also provides constant voltage and constant current priority output modes, and the series can also set the voltage and current rising/falling slew rates separately, and the delay time for the output to be turned on and off.

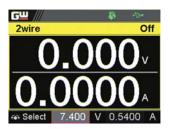
The PPX-Series has four current levels and two voltage levels to provide users with high-precision measurements, and via the Data Logger function, the measurement records can be stored in the USB for long-term measurement and recording of IoT devices, portable devices, wearable devices, and sensor components.

In order to extend the use time of portable devices and wearable devices, manufacturers are not only committed to improving the operating efficiency of the circuit, but also reducing standby power consumption as much as possible. In order to satisfy users' low-power measurement applications, GW Instek has launched the PPX-Series with current measurement resolutions (0.1μ A, 1μ A, 10μ A, 0.1mA) and voltage measurement resolutions (0.1mV, 1mV) to provide power for portable devices and wearable devices. When the device enters the sleep mode or the standby mode, the PPX series can still measure the subtle current changes of the DUT.

The PPX-Sseries provides the Test Sequence function, which allows users to arbitrarily define output waveforms. The voltage rising or falling time and the voltage maintenance time of each step can be set. For the operation, users can directly edit parameters on the front panel of the PPX-Series, or the CSV file can be edited via computer and imported into the PPX-Series, and the PPX-Series can be remotely edited. In addition, the OCP Delay function of the PPX-Series allows users to flexibly adjust the time to enable the over-current protection according to the characteristics of the DUT to protect the DUT and at the same time to test the current change of the DUT within a certain period of time.

Other than voltage, current, and power measurement, the PPX-Series also supports temperature measurement. While collocating with a K Type Thermocouple, the temperature range can be measured from -200°C ~ +1372°C. Supported standard communication interfaces include USB, LAN, RS-232, RS-485 and optional GPIB interface.

DISPLAY MODE



Voltage and Current



Voltage, Current and Sequence Test

The PPX-Series has four display modes, namely 1) voltage and current 2) voltage, current and wattage 3) voltage, current and Sequence Test 4)voltage, current and temperature measurement,

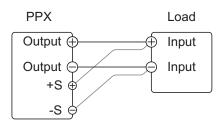


Voltage, Current and Wattage



Voltage, Current and Temperature Measurement

which are convenient for users to switch to different display modes according to test requirements.



REMOTE SENSING CONNECTION DIAGRAM

The Remote Sensing function can be used to compensate for the voltage drop caused by the resistance on the test connection lead from the power output to the load. PPX-1005/2002/2005/3601/3603 compensates for voltages up to 1 volt, and PPX-10H01 compensates

for voltages up to 3 volts. When testing, choose a test connection lead with a voltage drop less than the compensation voltage of the PPX series as much as possible.

TEMPERATURE MEASUREMENT



Blue: Temperature Control on with no GTL-205A Connected



White: Temperature Control on with GTL-205A Connected

The PPX-Series can measure DUT temperature while outputting power. Before measuring the temperature, please use the optional accessory GTL-205A (temperature probe adapter with K-type thermocouple) to connect the DUT and TC input terminals on the front panel of the PPX-Series respectively. During the measurement process, users can set the monitoring



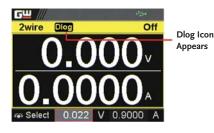
Green: Output Safe is Activated and Output is on with GTL-205A Connected



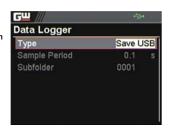
Red: The Alarm of Short Circuit Occurs From Temperature Measurement

temperature for the DUT. Once the measurement temperature reaches the monitoring temperature value, the PPX-Series will stop the output. The PPX-Series can measure the temperature range of -200.0°C ~1372.0°C (-328.0°F~2501.6°F). Users can choose the display unit as °C or °F according to the requirement.

D. DATA LOGGER



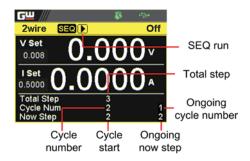
Data Logger Function



The PPX-Series can record the measured voltage, current and temperature data to a USB flash drive or can be remotely controlled to read the data. Data sampling interval is 0.1~999.9 seconds.

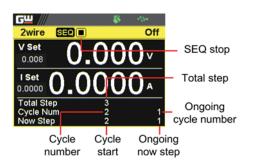
Save Data Log Into USB Disk

SEQUENCE TEST



SEQ Run in Cycle Mode

The Sequence Test function allows users to plan the PPX-Series to execute a sequential power output. The PPX-Series will automatically execute the planned power output to the DUT to realize automated measurement. The PPX-Series can store



SEQ Stop in Cycle Mode

10 sets of edited Test Scripts in the internal memory, and can also be connected to a USB flash drive to store Test Scripts in the USB flash drive.

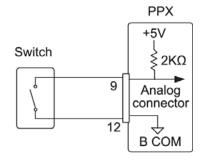
F. V/I SLEW RATE

Model	R_V Slew Rate/ F_V Slew Rate Setting Range
PPX-1005	0.0001V/ms ~ 0.1V/ms
PPX-2002	0.0001V/ms ~ 0.2V/ms
PPX-2005	0.0001V/ms ~ 0.2V/ms
PPX-3601	0.0001V/ms~0.36V/ms
PPX-3603	0.0001V/ms~0.36V/ms
PPX-10H01	0.001V/ms ~ 0.5V/ms

Voltage Rising/Falling Slew Rate

The PPX-Series can adjust the slew rate of current and voltage. Via setting the rising and falling time of voltage and current, users can verify the performance of the DUT during the voltage/current changes. In addition, the adjustment of the slew rate slows down the voltage transfer, which can effectively avoid the damage of the inrush current to the DUT, therefore, the series is especially suitable for the testing of capacitive loads and motors.

G. ANALOG REMOTE CONTROL



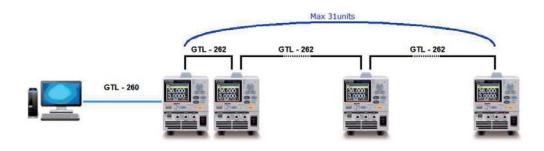
External Control of Output

The PPX-Series supports the analog control function, including external voltage to control voltage output/current output, external resistance to control voltage output/current output, external control of power output, trigger input/trigger output, and voltage/current monitoring.

PANEL INTRODUCTION



H. MULTIPLE UNIT CONNECTION



Multiple Unit Connection

The PPX-Series can connect up to 31 units. The PC is connected to the first unit of PPX through GTL-260, and the remaining PPX units are connected in a daisy-chained method via GTL-262. When using PPX-Series Multiple Unit Connection for remote program control and slave expansion, there is no need to use other remote control equipment (E.g. switch/Hub), which can help users save equipment purchase costs.

Model		PPX-1005	PPX-2002	PPX-2005	PPX-3601	PPX-3603	PPX-10H01
DC Output Mo	de			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
Output Voltage		10.000V	20.000V	20.000V	36.000V	36.000V	100.00V
Output Current		5.0000A 50W	2.0000A 40W	5.0000A 100W	1.0000A 36W	3.0000A 108W	1.0000A 100W
Output Power	OLTAGE OPERATIO		40W	100 w	36W	108W	100 w
			(0.019/ of option ()m)()	(0.01% of optime (1m))	(0.019/ of optime : 2m)()	. (0.019/ of optime : 2m)()	. (0.019/ af astting . 7m
Line Regulation Load Regulation		±(0.01% of setting+1mV) ±(0.01% of setting+2mV)	±(0.01% of setting+1mV) ±(0.01% of setting+2mV)	±(0.01% of setting+1mV) ±(0.01% of setting+3mV)	\pm (0.01% of setting+3mV) \pm (0.01% of setting+3mV)	±(0.01% of setting+3mV) ±(0.01% of setting+4mV)	± (0.01% of setting+7m ± (0.01% of setting+7m
Transient Respo		<50µs	<50µs	<50µs	<50µs	<50µs	<100µs
Ripple Noise(Vr		0.35mVrms/<6mVpp	0.5mVrms/<8mVpp	0.5mVrms/<8mVpp	0.8mVrms/<10mVpp	0.8mVrms/<10mVpp	1.2mVrms/<15mVpp
Rise Time* R	ated load	20ms	50ms	50ms	50ms	50ms	100ms
	lo load	20ms	50ms	50ms	50ms	50ms	100ms
	ated load	10ms	20ms	20ms	20ms	20ms	50ms
	lo load	100ms	150ms	150ms	150ms	150ms	250ms
Setting Range (1 Setting Resolution		0V ~ 10.5V 0.2mV	0V ~ 21.0V 0.5mV	0V ~ 21.0V 0.5mV	0V ~ 37.8V 1mV	0V ~ 37.8V 1mV	0V ~ 105.0V 2mV
Setting Accuracy		±(0.03% of setting+3mV)	±(0.03% of setting+5mV)	±(0.03% of setting+5mV)	±(0.03% of setting+8mV)	±(0.03% of setting+8mV)	±(0.03% of setting+20
	npensation Voltage(single line)	1V	1V	1V	1V	1V	3V
Temperature Co	efficient (TYP.)	100 ppm/°C	100 ppm/°C	100 ppm/°C	100 ppm/°C	100 ppm/°C	100 ppm/°C
CONSTANT CL	JRRENT OPERATIO	N					
Line Regulation		±(0.02% of setting+250μA)	$\pm (0.02\%~of~setting + 100 \mu A)$	±(0.02% of setting+250μA)	$\pm (0.02\%~of~setting + 50 \mu A)$	±(0.02% of setting+150μA)	±(0.02% of setting+50µ/
Load Regulation	ı	±(0.02% of setting+250μA)	$\pm (0.02\%~of~setting + 100 \mu A)$	±(0.02% of setting+250μA)	$\pm (0.02\% \text{ of setting}{+}50 \mu\text{A})$	±(0.02% of setting+150μA)	±(0.02% of setting+50
Ripple Noise(Ar		2mA	1mA	2mA	400µA	1mA	1mA
Setting Range (1	,	0A ~ 5.25A	0A ~ 2.1A	0A ~ 5.25A	0A ~ 1.050A	0A ~ 3.15A	0A ~ 1.050A
Setting Resoluti		0.1mA	0.05mA	0.1mA	0.02mA	0.1mA	0.02mA
Setting Accuracy		±(0.05% of setting+3.0mA) 200 ppm/°C	±(0.05% of setting+1.0mA) 200 ppm/°C	±(0.05% of setting+3.0mA) 200 ppm/°C	±(0.05% of setting+0.5mA) 200 ppm/°C	±(0.05% of setting+1.5mA) 200 ppm/°C	±(0.05% of setting+1.0r 200 ppm/°C
Temperature Co	. ,	200 ppm/ C	200 ppm/ C	200 ppm/ C	200 ppm/ C	200 ppm/ C	200 ppin/ C
	NT AND DISPLAY	10.000V	20.000V	20.000V	36.000V	36.000V	100.00V
/oltage Range	H L	1.0000V	2.0000V	2.0000V	3.6000V	3.6000V	10.000V
Current Range	-	5.0000A	2.0000A	5.0000A	1.0000A	3.0000A	1.0000A
Ū.	М	500.00mA	200.00mA	500.00mA	100.00mA	300.00mA	100.00mA
	L	50.000mA	20.000mA	50.000mA	10.000mA	30.000mA	10.000mA
	LL Valta as (U)	5.0000mA	2.0000mA	5.0000mA	1.0000mA	3.0000mA	1.0000mA
Measurement Resolution	Voltage(H) Voltage(L)	1mV 0.1mV	1mV 0.1mV	1mV 0.1mV	1mV 0.1mV	1mV 0.1mV	10mV 1mV
Resolution	Current(H)	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA
	Current(M)	0.01mA	0.01mA	0.01mA	0.01mA	0.01mA	0.01mA
	Current(L)	0.001mA	0.001mA	0.001mA	0.001mA	0.001mA	0.001mA
	Current(LL)	0.0001mA	0.0001mA	0.0001mA	0.0001mA	0.0001mA	0.0001mA
	Voltage(H/L)	±(0.03% of rdg + 2mV)	±(0.03% of rdg + 4mV)	±(0.03% of rdg + 5mV)	±(0.03% of rdg + 6mV)	±(0.03% of rdg + 8mV)	±(0.03% of rdg + 15m)
	Temperature Coefficient [®] (TYP.)	100 ppm/°C	100 ppm/°C	100 ppm/°C	100 ppm/°C	100 ppm/°C ±(0.05% of rdg + 1.2mA)	100 ppm/°C ±(0.05% of rdg + 1.0m
	Current/LI (MA)	$+(0.05\% \text{ of } rd\sigma + 2.5mA)$					
	Current(H/M)	±(0.05% of rdg + 2.5mA) +(0.1% of rdg + 40µA)	±(0.05% of rdg + 1.0mA) +(0.1% of rdg + 24uA)	±(0.05% of rdg + 2.5mA) +(0.1% of rdg + 40µA)	±(0.05% of rdg + 0.4mA) +(0.1% of rdg + 16µA)		
	Current(H/M) Current(L/LL) Temperature Coefficient*(TYP.)	±(0.1% of rdg + 40μA)	\pm (0.1% of rdg + 24µA)	±(0.1% of rdg + 40µA)	±(0.1% of rdg + 16µA)	±(0.1% of rdg + 28μA)	\pm (0.1% of rdg + 24 μ A)
	Current(L/LL) Temperature Coefficient*(TYP.)						
TEMPERATURE	Current(L/LL) Temperature Coefficient"(TYP.) MEASURED	±(0.1% of rdg + 40μA) 200 ppm/°C	\pm (0.1% of rdg + 24µA)	±(0.1% of rdg + 40µA)	±(0.1% of rdg + 16µA)	±(0.1% of rdg + 28μA)	\pm (0.1% of rdg + 24µA)
	Current(L/LL) Temperature Coefficient"(TYP.) MEASURED Range	±(0.1% of rdg + 40μA)	\pm (0.1% of rdg + 24µA)	±(0.1% of rdg + 40µA)	±(0.1% of rdg + 16µA)	±(0.1% of rdg + 28μA)	\pm (0.1% of rdg + 24µA)
TEMPERATURE Temperature	Current(L/LL) Temperature Coefficient"(TYP.) MEASURED Range	±(0.1% of rdg + 40μA) 200 ppm/°C -200°C~+1372°C	\pm (0.1% of rdg + 24µA)	±(0.1% of rdg + 40µA)	±(0.1% of rdg + 16µA)	±(0.1% of rdg + 28μA)	\pm (0.1% of rdg + 24 μ A)
TEMPERATURE Temperature	Current(L/LL) Temperature Coefficient"(TYP.) MEASURED Range couple) Resolution	±(0.1% of rdg + 40μA) 200 ppm/°C -200°C~+1372°C 0.25°C	\pm (0.1% of rdg + 24µA)	±(0.1% of rdg + 40µA)	±(0.1% of rdg + 16µA)	±(0.1% of rdg + 28μA)	\pm (0.1% of rdg + 24 μ A)
TEMPERATURE Temperature (K-Type Thermoo PROTECTION Over Voltage	Current(L/LL) Temperature Coefficient'(TYP) MEASURED couple) Range Resolution Accuracy Operation	±(0.1% of rdg + 40μA) 200 ppm/°C -200°C-+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM	±(0.1% of rdg + 40µА) 200 ppm/°С	±(0.1% of rdg + 16μA) 200 ppm/°C	±(0.1% of rdg + 28μA) 200 ppm/°C	±(0.1% of rdg + 24μA) 200 ppm/°C
TEMPERATURE Temperature (K-Type Thermod PROTECTION	Current(L/LL) Temperature Coefficient'(TYP) MEASURED couple) Range Resolution Accuracy Operation	±(0.1% of rdg + 40μA) 200 ppm/°C -200°C~+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display 0.5V ~ 11.0V	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V	±(0.1% of rdg + 40µA)	±(0.1% of rdg + 16µA)	±(0.1% of rdg + 28μA)	\pm (0.1% of rdg + 24 μ A)
TEMPERATURE Temperature (K-Type Thermoo PROTECTION Over Voltage	Current(L/LL) Temperature Coefficient'(TYP) MEASURED couple) Range Resolution Accuracy Operation	±(0.1% of rdg + 40μA) 200 ppm/°C -200°C-+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V	±(0.1% of rdg + 40µА) 200 ppm/°С	±(0.1% of rdg + 16μA) 200 ppm/°C	±(0.1% of rdg + 28μA) 200 ppm/°C	±(0.1% of rdg + 24μA) 200 ppm/°C
TEMPERATURE Temperature (K-Type Thermoo PROTECTION Over Voltage	Current(L/LL) Temperature Coefficient*(TYPR) MEASURED Couple) Resolution Accuracy Operation) Setting Range	±(0.1% of rdg + 40μA) 200 ppm/°C -200°C~+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display 0.5V ~ 11.0V (5% to 110% of the rated ou	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage)	±(0.1% of rdg + 40µА) 200 ppm/°С	±(0.1% of rdg + 16μA) 200 ppm/°C	±(0.1% of rdg + 28μA) 200 ppm/°C	±(0.1% of rdg + 24μA) 200 ppm/°C
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection(OVP)	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Resolution Accuracy Operation Setting Range Setting Accuracy Operation	±(0.1% of rdg + 40μA) 200 ppm/°C -200°C~+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display 0.5V ~ 11.0V (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display 0.25A ~ 5.5A	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A	±(0.1% of rdg + 40µА) 200 ppm/°С	±(0.1% of rdg + 16μA) 200 ppm/°C	±(0.1% of rdg + 28μA) 200 ppm/°C	±(0.1% of rdg + 24μA) 200 ppm/°C
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection(OVP) Over Current	Current(L/LL) Temperature Coefficient (TVP) MEASURED Couple) Range Resolution Accuracy Operation) Setting Range Setting Accuracy Operation) Setting Range	$ \pm (0.1\% \text{ of rdg } + 40\mu\text{A}) \\ 200 \text{ ppm/°C} \\ -200°C -+ 1372°C \\ 0.25°C \\ \pm (0.5\% + 2°C) \\ \hline \\ $	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V	±(0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OCP)	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Range Setting Range	±(0.1% of rdg + 40μA) 200 ppm/°C -200°C-+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ±(1% of rating)	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V ttput voltage) s OCP and lights ALARM 0.1A ~ 2.2A ttput current)	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V	±(0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection(OVP) Over Current	Current(L/LL) Temperature Coefficient'(TYPR) MEASURED Cocuple) Resolution Accuracy Operation Setting Accuracy Operation Setting Range Setting Range Setting Range Setting Accuracy operation	$ \pm (0.1\% \text{ of rdg } + 40\mu\text{A}) \\ 200 \text{ ppm/°C} \\ \hline \\ -200°C -+ 1372°C \\ 0.25°C \\ \pm (0.5\% + 2°C) \\ \hline \\ \hline \\ Turns the output off, display \\ 0.5V - 11.0V \\ (5\% to 110\% \text{ of the rated ou} \\ \pm (1\% \text{ of rating}) \\ \hline \\ Turns the output off, display \\ 0.25A - 5.5A \\ (5\% to 110\% \text{ of the rated ou} \\ (5\% to 110\% \text{ of the rated ou} \\ 10\% \text{ of rating}) \\ \hline \\ \end{array} $	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V ttput voltage) s OCP and lights ALARM 0.1A ~ 2.2A ttput current)	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V	±(0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection(OVP) Over Current Protection(OCP) Over Temperatu	Current(L/LL) Temperature Coefficient'(TYPR) MEASURED Cocuple) Resolution Accuracy Operation Setting Accuracy Operation Setting Range Setting Range Setting Range Setting Accuracy operation	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A}) \\ 200 \text{ ppm/}^{\text{C}} \\ \hline \\ -200^{\circ}\text{C} -+1372^{\circ}\text{C} \\ 0.25^{\circ}\text{C} \\ \pm (0.5\% + 2^{\circ}\text{C}) \\ \hline \\ \hline \\ \hline \\ Turns the output off, display \\ 0.5V - 11.0V \\ (5\% to 110\% \text{ of the rated out} \\ \pm (1\% \text{ of rating}) \\ \hline \\ \hline \\ Turns the output off, display \\ 0.25A - 5.5A \\ (5\% to 110\% \text{ of the rated out} \\ \pm (1\% \text{ of rating}) \\ \hline \\ \hline \\ \hline \\ t(5\% \text{ to 110\% of the rated out} \\ \pm (1\% \text{ of rating}) \\ \hline \\ \hline \\ \hline \\ t(5\% \text{ to 110\% of the rated out} \\ \pm (1\% \text{ of rating}) \\ \hline \\ \hline \\ \hline \\ \hline \\ t(5\% \text{ to 110\% of the rated out} \\ \pm (1\% \text{ of rating}) \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ t(5\% \text{ to 110\% of the rated out} \\ \pm (1\% \text{ of rating}) \\ \hline \\ $	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V ttput voltage) s OCP and lights ALARM 0.1A ~ 2.2A ttput current)	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V	±(0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection(OVP) Over Current Protection(OCP) Over Temperatu Protection(OTP) OTHER	Current(L/LL) Temperature Coefficient'(TYPR) MEASURED Cocuple) Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Range Setting Accuracy Operation		±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V	±(0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection(OVP) Over Current Protection(OCP) Over Temperatu Protection(OTP)	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Couple) Couple) Coperation Coperation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Deperation Setting Accuracy Deperation	± (0.1% of rdg + 40μA) 200 ppm/°C -200°C-+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave,	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A	±(0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection(OVP) Over Current Protection(OCP) Over Temperatu Protection(OTP) OTHER nterface Capab	Current(L/LL) Temperature Coefficient (TYPR) MEASURED Couple) Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Deperation	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A})$ 200 ppm/°C -200°C-+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ±(1% of rating)) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A	±(0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection(OVP) Over Current Protection(OCP) Over Temperatu Protection(OTP) OTHER nterface Capab	Current(L/LL) Temperature Coefficient'(TYPR) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Range Setting Accuracy Departion Setting Range Setting Accuracy Resolution Setting Range	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A}) \\ 200 \text{ ppm/°C} \\ \hline \\ -200°C -+ 1372°C \\ 0.25°C \\ \pm (0.5\% + 2°C) \\ \hline \\ $	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A	±(0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection(OVP) Over Current Protection(OCP) Over Temperatu Protection(OTP) OTHER nterface Capab	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A})$ 200 ppm/°C -200°C-+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ±(1% of rating)) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 40Amax	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 30Amax
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection(OVP) Over Current Protection(OCP) Over Temperatu Protection(OTP) OTHER nterface Capab Nominal Input V	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation	±(0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 200VA	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V ttput voltage) s OCP and lights ALARM 0.1A ~ 2.2A ttput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 1/2/KS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, ;	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add ading the connector) single phase	±(0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection(OVP) Over Current Protection(OCP) Over Temperatu Protection(OTP) DTHER Interface Capab Nominal Input V Input Frequency Max. Inrush Curre Max. Power Cons Operaing Tempe	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Coperation Setting Coperation Setting	±(0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display 0.5V ~ 11.0V (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 200VA 0°C ~ 40°C	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 40Amax	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 30Amax
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OCP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency Max. Inrush Curre Max. Power Cons Operaing Temperation	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy Operation	± (0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C ± (0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated out ± (1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated out ± (1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated out ± (1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 200VA 0°C ~ 40°C - 20°C ~ 70°C	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Cateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclt 240Vac(±10%), 50Hz / 60Hz, 1 20Amax 150VA	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 40Amax	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 30Amax
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection(OVP) Over Current Protection(OCP) Over Temperatu Protection(OTP) DTHER Interface Capab Nominal Input V Input Frequency Max. Inrush Curre Max. Power Cons Operaing Tempe	Current(L/LL) Temperature Coefficient'(TYPR) MEASURED Cocuple) Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Uperation Setting Accuracy Uperation Setting Accuracy USB RS-232/RS-485 /oltage" (Range ent sumption erature ture dity	±(0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display 0.5V ~ 11.0V (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 200VA 0°C ~ 40°C	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, 1 20Amax 150VA	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 40Amax	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 30Amax
TEMPERATURE Temperature (K-Type Thermod PROTECTION Over Voltage Protection(OVP) Over Current Protection(OCP) Over Temperatu Protection(OTP) OTHER nterface Capab Nominal Input V Input Frequency Max. Inrush Curre Max. Power Cons Operating Temperato Operating Humio Operating Humio	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Comparison Setting Accuracy Setting Accuracy Setting Accuracy Comparison Setting Accuracy Setting Accuracy	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A}) \\ 200 \text{ ppm/°C} \\ \hline \\ -200°C_+1372°C \\ 0.25°C \\ \pm (0.5\% + 2°C) \\ \hline \\ $	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, 1 20Amax 150VA	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 40Amax	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 30Amax
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OCP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency Max. Inrush Curren Max. Power Cons Operaing Temperato Operating Temperato Operating Humidito Dimensions & Wi OTE: ±1. Time for outp	Current(L/LL) Temperature Coefficient'(TYPR) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Coperation Setting Range Setting Accuracy Operation Setting Range Setting S	\pm (0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C ±(0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ±(1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 200VA 0°C ~ 40°C -20°C ~ 70°C 20% ~ 80% RH; No condens 20% ~ 85% RH; No condens 20% ~ 124(H) × 313(D) r (0.1% + 10mV) of its rated	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Cateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (excl. 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add ding the connector) single phase 30Amax 300VA	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA *7. Before connectin	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 40Amax 300VA	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 30Amax 300VA
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OCP) Over Temperatu Protection (OCP)	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Setting Accuracy Setting Accuracy Operation Setting Accuracy Setting Accuracy Setting Accuracy Setting Accuracy Operation Setting Accuracy Setting Accuracy Operation Setting Accuracy Setting	\pm (0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C ± (0.5% + 2°C) Turns the output off, display 0.5V ~ 11.0V (5% to 110% of the rated ou ± (1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ± (1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou ± (1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 200VA 0°C ~ 40°C -20°C ~ 70°C 20% ~ 80% RH; No condens 20% ~ 85% RH; No condens 20% ~ 85% RH; No condens 20% ~ 85% RH; No condens 20% ~ 124(H) × 313(D) r (0.1% + 10mV) of its rated	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Cateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (excl. 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connectin selector switche	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A - 1.1A 0.05A - 1.1A 30Amax 300VA
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OCP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency Max. Inrush Curre Max. Power Cons Operaing Tempe Storage Temperat Operating Tempe Storage Temperating Storage Temperating Operating Tempe Storage Temperating Storage	Current(L/LL) Temperature Coefficient'(TYP) MEASURED couple) Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy ree Operation Setting Accuracy ree Operation Setting Accuracy ree Operation Setting Accuracy ree Operation Setting Accuracy Setting Accuracy RS-232/RS-485 /oltage" / Range ent :umption erature ture dity y feight	± (0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C ± (0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated out ± (1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated out ± (1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated out ± (1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 20VA 0°C ~ 40°C -20°C ~ 70°C 20% ~ 85% RH; No condens 20% ~ 85% RH; No condens 107(W) × 124(H) × 313(D) r ±(0.1% + 10mV) of its rated % of its rated output current z b 1 MHz	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA station station station *4. From 10%-90% of rated of *5. From 90%-10% of rated of *5. From 90%-10% of rated of	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connectin selector switche	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A 30Amax 300VA
TEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OCP) Over Temperatu Protection (OCP) Over Temperatu Protection (OCP) OTHER nterface Capab Nominal Input V Input Frequency Max. Inrush Current Max. Power Cons Operaing Tempes Storage Temperat Operating Humidit Dimensions & W OTE: 41. Time for output for al *2. Measuremen *3. Measuremen	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Setting Accuracy S	± (0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C ± (0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated out ± (1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated out ± (1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated out ± (1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 20VA 0°C ~ 40°C -20°C ~ 70°C 20% ~ 85% RH; No condens 20% ~ 85% RH; No condens 107(W) × 124(H) × 313(D) r ±(0.1% + 10mV) of its rated % of its rated output current z b 1 MHz	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Cateway Speed: 1.1/2.0, USB-CDC 2/RS-485 specifications (excli 240Vac(±10%), 50Hz / 60Hz, 1 20Amax 150VA sation sation nm (not including protrusions *4. From 10%–90% of rated c *5. From 90%–10% of rated c	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connection selector switche damaged the ins	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A 30Amax 300VA
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OCP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency Max. Power Cons Operaing Temperat Operating Humid Storage Temperat Operating Humid Storage Humidity Dimensions & With Other 1. Time for output for a *2. Measuremen *3. Measuremen	Current(L/LL) Temperature Coefficient'(TYP), MEASURED couple) Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy operation Setting Accuracy operation Setting Accuracy re Operation Setting Accuracy re Operation Setting Accuracy re Operation Setting Accuracy setting Accuracy re Operation Setting Accuracy re Operation S	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A}) \\ 200 \text{ ppm/°C} \\ \hline \\ -200°C_{-+1372°C} \\ 0.25°C \\ \pm (0.5\% + 2°C) \\ \hline \\ $	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA station station station *4. From 10%-90% of rated o *5. From 90%-10% of rated o *6. Temperature coefficient: a	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA a); Approx. 5.5kg utput voltage, with rated resistiv ffer a 30 minute warm-up CESSORIES	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA selector switche e load *7. Before connectin selector switche for admaged the ins Specifications subject to c	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A 30Amax 30OVA 30DVA
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OVP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency Max. Power Cons Operating Temperat Storage Temperat Operating Humit Storage Temperat Storage Temperat Storage Temperat Storage Temperat Storage Temperat Storage Temperat Operating Humit Storage Humidity Dimensions & W OTE: +1. Time for output for a *2. Measuremen *3. Measuremen	Current(L/LL) Temperature Coefficient'(TYP), MEASURED couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Range RS-232/RS-485 Voltage'' Range ent sumption erature ture dity Y feight INFORMATION SA/SOW) Programma	\pm (0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C \pm (0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou \pm (1% of rating) Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou \pm (1% of rating) Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou \pm (1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 200VA 0°C - 40°C -20°C - 70°C 20% - 80% RH; No condens 20% ~ 85% RH; No condens 20% ~ 85% RH; No condens 20% ~ 85% RH; No condens 20% - 20°C + 10MV) of its rated % of its rated output current z to 10 MHz 2 to 20 MHz	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA station station station station *4. From 10%-90% of rated o *5. From 90%-10% of rated o *6. Temperature coefficient: a	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA s); Approx. 5.5kg butput voltage, with rated resistiv utput voltage, with rated resistiv tfer a 30 minute warm-up	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connecting selector switcher damaged the ing Specifications subject to consections Cord, Test Lead (GTI	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 40Amax 300VA 40Amax 300VA	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A 30Amax 300VA 30OVA putlet, make sure the voltage ect position.It might be rong AC line voltage PPX-Series D1
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OVP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency Max. Power Cons Operating Temperat Storage Temperat Operating Humit Storage Temperat Storage Temperat Storage Temperat Storage Temperat Storage Temperat Storage Temperat Operating Humit Storage Humidity Dimensions & W OTE: +1. Time for output for a *2. Measuremen *3. Measuremen	Current(L/LL) Temperature Coefficient'(TYP), MEASURED couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Range RS-232/RS-485 Voltage'' Range ent sumption erature ture dity Y feight INFORMATION SA/SOW) Programma	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A}) \\ 200 \text{ ppm/°C} \\ \hline \\ -200°C_{-+1372°C} \\ 0.25°C \\ \pm (0.5\% + 2°C) \\ \hline \\ $	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA sation mm (not including protrusions *4. From 10%~90% of rated o *5. From 90%~10% of rated o *6. Temperature coefficient: a	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add ding the connector) single phase 30Amax 300VA s): Approx. 5.5kg butput voltage, with rated resistiv fter a 30 minute warm-up CESSORIES (User Manual), Power	± (0.1% of rdg + 16µA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connecting selector switche damaged the ins Specifications subject to conserve the selector switches amaged the instance of the selector switches amaged the instance of the selector switches amaged the instance of the selector switches amaged the instance of the sel	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 40Amax 300VA 40Amax 300VA - 104A for PPX-1005// 3601, 1m, 3A) (GTL-20	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OVP) Over Temperatu Protection (OTP) Other Interface Capab Nominal Input V Input Frequency Max. Power Cons Operating Tempera Storage Temperat Operating Humid Storage Temperat Storage Temperat Storage Temperat Storage Temperat Storage Temperat Operating Humid Storage Humidity Dimensions & W OTE +1. Time for output for a *2. Measuremen ORDERING PPX-1005(10V/5 PPX-2002(20V/2	Current(L/LL) Temperature Coefficient'(TYP), MEASURED couple) Resolution Accuracy Operation) Setting Range Setting Accuracy Operation) Setting Range Setting Accuracy (Operation) Setting Range Setting Accuracy (Operation Setting Accuracy (Operation Setting Accuracy (Operation Setting Accuracy (Operation Setting Range Setting Accuracy (Name (Setting Accuracy (Setting A	\pm (0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C \pm (0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou \pm (1% of rating) Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou \pm (1% of rating) Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou \pm (1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 200VA 0°C - 40°C -20°C - 70°C 20% - 80% RH; No condens 20% ~ 85% RH; No condens 20% ~ 85% RH; No condens 20% ~ 85% RH; No condens 20% - 20°C + 10MV) of its rated % of its rated output current z to 10 MHz 2 to 20 MHz	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC U2/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, ; 20Amax 150VA sation ation mm (not including protrusions *4. From 10%-90% of rated o *5. From 90%-90% of rated o *6. Temperature coefficient: a ower Supply ower Supply ower Supply ower Supply	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add ading the connector) single phase 30Amax 300VA s); Approx. 5.5kg utput voltage, with rated resistiv fter a 30 minute warm-up CESSORIES (User Manual), Powet 3, 1m, 10A) (GTL-105/ 5/PPX-2005/PPX-3601/PPX	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connection selector switche damaged the ins Specifications subject to c Cord, Test Lead (GTI A for PPX-2002/PPX-3 3 <european jac<br="" type="">-10H01<european jac<="" td="" type=""><td>±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A 40Amax 300VA 1.8V ~ 0.15A ~ 3.3A 0.15A ~ 3.3A</td><td>±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A</td></european></european>	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A 40Amax 300VA 1.8V ~ 0.15A ~ 3.3A 0.15A ~ 3.3A	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OVP) Over Temperatu Protection (OCP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency dax. Inrush Curre Max. Power Cons Operating Tempera Storage Temperat Operating Humid Storage Temperat Storage Temperat Operating Humid Storage Humidity Dimensions & W OTE +1. Time for output for a *2. Measuremen ORDERING PPX-1005(10V/5 PPX-2005(20V/5	Current(L/LL) Temperature Coefficient'(TYP), MEASURED Couple) Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Parallel Setting Accuracy Setting Accuracy Sett	\pm (0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C \pm (0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou \pm (1% of rating) Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou \pm (1% of rating) Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou \pm (1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 200VA 0°C - 40°C -20°C - 70°C 20% - 80% RH; No condens 20% ~ 85% RH; No condens 20% ~ 85% RH; No condens 20% ~ 85% RH; No condens 20% - 20°C + 10MV) of its rated % of its rated output current z to 1 MHz z to 20 MHz	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA sation sation sation sation sation set on 90%-10% of rated o *5. From 90%-90% of rated o *6. Temperature coefficient: a	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA s): Approx. 5.5kg putput voltage, with rated resistiv fter a 30 minute warm-up CESSORIES (User Manual), Powet 3, 1m, 10A) (GTL-105/ 5/PPX-2005/PPX-360	± (0.1% of rdg + 16μA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connection selector switche damaged the ins Specifications subject to c Cord, Test Lead (GTI A for PPX-2002/PPX-3 3 <european jac<br="" type="">-10H01<european jac<="" td="" type=""><td>±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A 40Amax 300VA 1.8V ~ 0.15A ~ 3.3A 0.15A ~ 3.3A</td><td>±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A</td></european></european>	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A 40Amax 300VA 1.8V ~ 0.15A ~ 3.3A 0.15A ~ 3.3A	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OVP) Over Temperatu Protection (OCP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency dax. Inrush Curre Max. Power Cons Operating Tempera Storage Temperat Operating Humid Storage Temperat Storage Temperat Operating Humid Storage Humidity Dimensions & With Operating Humid Storage Humidity Dimensions & With Operating Humid Storage Temperat ORDERING PPX-1005(10V/5 PPX-2002(20V/2 PPX-2005(20V/5 PPX-3601(36V/1	Current(L/LL) Temperature Coefficient'(TYP), MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Range Setting Accuracy operation Setting Accuracy operation Setting Accuracy operation Setting Accuracy re Operation Setting Accu	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A})$ 200 ppm/°C $\frac{-200°C_{-+}1372°C}{200°C_{-+}1372°C}$ 0.25°C $\pm (0.5\% + 2°C)$ Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated output off, display 0.5V - 11.0V (5% to 110% of the rated output off, display 0.5A - 5.5A (5% to 110% of the rated output off, display 0.5A - 5.5A (5% to 110% of the rated output off, display 0.5A - 5.5A (5% to 110% of the rated output off, display 0.5A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 100% of the rated output output off, display 0.25A - 5.5A (5% to 100% of the rated output current 200VA (120Vac / 220Vac / 220Vac / 220Vac / 200VA (120Vac / 120Vac / 220Vac / 200VA (120Vac / 120Vac / 200Vac / 200Vac (120Vac / 120Vac / 200Vac / 200Vac (120Vac / 120Vac / 200Vac (120Vac (120Vac / 200Vac (120Vac (±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA sation sation sation sation sation set on 90%-10% of rated o *5. From 90%-90% of rated o *6. Temperature coefficient: a	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add ading the connector) single phase 30Amax 300VA s); Approx. 5.5kg utput voltage, with rated resistiv fter a 30 minute warm-up CESSORIES (User Manual), Powet 3, 1m, 10A) (GTL-105/ 5/PPX-2005/PPX-3601/PPX	± (0.1% of rdg + 16µA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connection selector switcher damaged the ins Specifications subject to construction Cord, Test Lead (GTI A for PPX-2002/PPX-3 3 <european jac<br="" type="">-10H01<european jac<="" td="" type=""><td>±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A 40Amax 300VA 1.8V ~ 0.15A ~ 3.3A 0.15A ~ 3.3A</td><td>±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A</td></european></european>	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A 40Amax 300VA 1.8V ~ 0.15A ~ 3.3A 0.15A ~ 3.3A	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OVP) Over Temperatu Protection (OCP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency dax. Inrush Curre Max. Power Cons Operating Tempera Storage Temperat Operating Humid Storage Temperat Storage Temperat Operating Humid Storage Humidity Dimensions & Wi OTE +1. Time for output for a *2. Measuremen ORDERING PPX-1005(10V/5 PPX-2002(20V/2 PPX-2005(20V/5 PPX-3603(36V/3	Current(L/LL) Temperature Coefficient'(TYP), MEASURED Couple) Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy re Operation Setting	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A})$ 200 ppm/°C -200°C-+1372°C 0.25°C $\pm (0.5\% + 2°C)$ Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.5A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.5A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.5A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ (0.7C - 40°C -20°C - 70°C 20% ~ 80% RH; No condens 20% ~ 85% RH; No condens 20% ~ 10M/2 (0.1% + 10mV) of its rated whell high-precision DC P ble High-preci	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA station station station station *4. From 10%-90% of rated o *5. From 90%-10% of rated o *6. Temperature coefficient: a ower Supply ower Supply ower Supply ower Supply ower Supply ower Supply	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add ading the connector) single phase 30Amax 300VA s); Approx. 5.5kg utput voltage, with rated resistiv fter a 30 minute warm-up CESSORIES (User Manual), Powet 3, 1m, 10A) (GTL-105/ 5/PPX-2005/PPX-360 -2002/PPX-3601/PPX L-201A, Ground lead	± (0.1% of rdg + 16µA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connection selector switche damaged the ins Specifications subject to construction Cord, Test Lead (GTI A for PPX-2002/PPX-3 3 <european jac<br="" type="">-10H01<european jac<="" td="" type=""><td>±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A 40Amax 300VA 1.8V ~ 0.15A ~ 3.3A 0.15A ~ 3.3A</td><td>±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A</td></european></european>	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A 40Amax 300VA 1.8V ~ 0.15A ~ 3.3A 0.15A ~ 3.3A	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OVP) Over Temperatu Protection (OCP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency dax. Inrush Curre Max. Power Cons Operating Tempera Storage Temperat Operating Humid Storage Temperat Storage Temperat Operating Humid Storage Humidity Dimensions & Wi OTE +1. Time for output for a *2. Measuremen ORDERING PPX-1005(10V/5 PPX-2002(20V/2 PPX-2005(20V/5 PPX-3603(36V/3	Current(L/LL) Temperature Coefficient'(TYP), MEASURED Couple) Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy re Operation Setting	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A})$ 200 ppm/°C $\frac{-200°C_{-+}1372°C}{200°C_{-+}1372°C}$ 0.25°C $\pm (0.5\% + 2°C)$ Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated output off, display 0.5V - 11.0V (5% to 110% of the rated output off, display 0.5A - 5.5A (5% to 110% of the rated output off, display 0.5A - 5.5A (5% to 110% of the rated output off, display 0.5A - 5.5A (5% to 110% of the rated output off, display 0.5A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 100% of the rated output output off, display 0.25A - 5.5A (5% to 100% of the rated output current 200VA (120Vac / 220Vac / 220Vac / 220Vac / 200VA (120Vac / 120Vac / 220Vac / 200VA (120Vac / 120Vac / 200Vac / 200Vac (120Vac / 120Vac / 200Vac / 200Vac (120Vac / 120Vac / 200Vac (120Vac (120Vac / 200Vac (120Vac (±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V trput voltage) s OCP and lights ALARM 0.1A ~ 2.2A trput current) s OCP and lights ALARM 0.1A ~ 2.2A trput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (excli 240Vac(±10%), 50Hz / 60Hz, 1 20Amax 150VA sation sation sation sation sation *4. From 10%–90% of rated c *5. From 90%–10% of rated c *6. Temperature coefficient: a %C D 360 100 ower Supply ower Supply ower Supply ower Supply ower Supply ower Supply ower Supply	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA s); Approx. 5.5kg utput voltage, with rated resistiv ther a 30 minute warm-up CESSORIES (User Manual), Power 3, 1m, 10A) (GTL-105/ 3, 1m, 2005/PPX-360 -2002/PPX-3601/PPX L-201A, Ground lead 1 FIONAL ACCESSORIE	± (0.1% of rdg + 16µA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA selector switche load *7. Before connectin selector switche selector switche Cord, Test Lead (GTI A for PPX-2002/PPX-3 3 <european jac<br="" type="">Scuropean Type Jac Scuropean Type Jac Scuropean Type Jac</european>	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 40Amax 300VA 40Amax 30CA 40CA	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A - 1.1A 0.05A - 1
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OVP) Over Temperatu Protection (OCP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency dax. Inrush Curre Max. Power Cons Operating Tempera Storage Temperat Operating Humid Storage Temperat Storage Temperat Operating Humid Storage Humidity Dimensions & Wi OTE +1. Time for output for a *2. Measuremen ORDERING PPX-1005(10V/5 PPX-2002(20V/2 PPX-2005(20V/5 PPX-3603(36V/3	Current(L/LL) Temperature Coefficient'(TYP), MEASURED Couple) Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy re Operation Setting	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A})$ 200 ppm/°C -200°C-+1372°C 0.25°C $\pm (0.5\% + 2°C)$ Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.5A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.5A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.5A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ (0.7C - 40°C -20°C - 70°C 20% ~ 80% RH; No condens 20% ~ 85% RH; No condens 20% ~ 10M/2 (0.1% + 10mV) of its rated whell high-precision DC P ble High-preci	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OCP and lights ALARM 0.1A ~ 2.2A tput current) s OTP and lights ALARM ess, User Password, Cateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, 1 20Amax 150VA sation sation storn (not including protrusions *4. From 10%–90% of rated o *5. From 90%–10% of rated o *6. Temperature coefficient: a wer Supply ower Supply ower Supply ower Supply ower Supply ower Supply ower Supply ower Supply ower Supply	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add ading the connector) single phase 30Amax 300VA s); Approx. 5.5kg utput voltage, with rated resistiv fer a 30 minute warm-up CESSORIES (User Manual), Power 3, 1m, 10A) (GTL-105/ 5/PPX-2005/PPX-3601/PPX L-201A, Ground lead 1 IONAL ACCESSORIE 258 GPIB Cable, 2000mr	± (0.1% of rdg + 16µA) 200 ppm/°C 1.8V ~ 39.6V 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA constant Mask 35Amax 150VA constant Mask 35Amax 150VA constant Mask 35Amax 150VA constant Mask constant Mask cons	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 40Amax 300VA 40Amax 300VA 40Amax 300VA 40Amax 300VA 40Amax 300VA 500 (GTL-20 k Terminal>, 1m, 10A) (pe Jack Terminal>, 1r ck Terminal) GTL-205A Temperature coupling, K-T GRA-441-J Rack for PPX	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OVP) Over Temperatu Protection (OCP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency dax. Inrush Curre Max. Power Cons Operating Tempera Storage Temperat Operating Humid Storage Temperat Storage Temperat Operating Humid Storage Humidity Dimensions & Wi OTE +1. Time for output for a *2. Measuremen ORDERING PPX-1005(10V/5 PPX-2002(20V/2 PPX-2005(20V/5 PPX-3603(36V/3	Current(L/LL) Temperature Coefficient'(TYP), MEASURED Couple) Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy re Operation Setting	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A})$ 200 ppm/°C -200°C-+1372°C 0.25°C $\pm (0.5\% + 2°C)$ Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.5A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.5A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.5A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ (0.7C - 40°C -20°C - 70°C 20% ~ 80% RH; No condens 20% ~ 85% RH; No condens 20% ~ 10M/2 (0.1% + 10mV) of its rated whell high-precision DC P ble High-preci	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA sation sation sation sation sation sation set (CD 360 100 PPX (GTL- GTL- GTL- GTL- GTL- GTL- GTL-	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA s): Approx. 5.5kg utput voltage, with rated resistiv fter a 30 minute warm-up CESSORIES (User Manual), Power 3, 1m, 10A) (GTL-105/ 5/PPX-2005/PPX-360 -2002/PPX-3601/PPX L-201A, Ground lead i IONAL ACCESSORIE 258 GPIB Cable, 2000mr 259 RS-232 Cable with D 260 RS-485 Cable with D 260 RS-485 Slave cable	± (0.1% of rdg + 16µA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connecting selector switche damaged the ins Specifications subject to c Cord, Test Lead (GTL A for PPX-2002/PPX-3 3 <european jac<br="" type="">-10H01<european jac<br="" type="">-10H01<european jac<br="" type="">Sponnector to RJ45 B9 connector to RJ45</european></european></european>	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V - 39.6V 0.15A - 3.3A 0.15A - 3.3A 40Amax 300VA 40Amax 300VA 1.8V - 39.6V 0.15A - 3.3A 0.15A - 3.2A 0.15A - 3	±(0.1% of rdg + 24µA) 200 ppm/°C 5.0V – 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OVP) Over Temperatu Protection (OCP) Over Temperatu Protection (OTP) OTHER Interface Capab Nominal Input V Input Frequency dax. Inrush Curre Max. Power Cons Operating Tempera Storage Temperat Operating Humid Storage Temperat Storage Temperat Operating Humid Storage Humidity Dimensions & Wi OTE +1. Time for output for a *2. Measuremen ORDERING PPX-1005(10V/5 PPX-2002(20V/2 PPX-2005(20V/5 PPX-3603(36V/3	Current(L/LL) Temperature Coefficient'(TYP), MEASURED Couple) Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy re Operation Setting	$\pm (0.1\% \text{ of rdg} + 40\mu\text{A})$ 200 ppm/°C -200°C-+1372°C 0.25°C $\pm (0.5\% + 2°C)$ Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.5A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.5A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.5A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ Turns the output off, display 0.25A - 5.5A (5% to 110% of the rated ou $\pm (1\% \text{ of rating})$ (0.7C - 40°C -20°C - 70°C 20% ~ 80% RH; No condens 20% ~ 85% RH; No condens 20% ~ 1 MHz to 20 MHz (0.10% + 10mV) of its rated ble High-precision DC P ble H	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA sation sation sation sation sation sation set (CD 360 100 PPX (GTL- GTL- GTL- GTL- GTL- GTL- GTL-	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add ading the connector) single phase 30Amax 300VA s): Approx. 5.5kg utput voltage, with rated resistiv typut voltage, with rated resistiv ter a 30 minute warm-up CESSORIES (User Manual), Power 3, 1m, 10A) (GTL-105/ 5/PPX-2005/PPX-360 -2002/PPX-3601/PPX L-201A, Ground lead i FIONAL ACCESSORIE 288 GPIB Cable, 2000mr 298 RS-232 Cable with D 260 RS-485 Cable with D	± (0.1% of rdg + 16µA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connecting selector switche damaged the ins Specifications subject to c Cord, Test Lead (GTL A for PPX-2002/PPX-3 3 <european jac<br="" type="">-10H01<european jac<br="" type="">-10H01<european jac<br="" type="">Sponnector to RJ45 B9 connector to RJ45</european></european></european>	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V - 39.6V 0.15A - 3.3A 0.15A - 3.3A 40Amax 300VA 40Amax 300VA 1.8V - 39.6V 0.15A - 3.3A 0.15A - 3.2A 0.15A - 3	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OCP) Over Temperatu Protection (OCP) OTHER Interface Capab Nominal Input V Input Frequency Max. Power Cons Operaing Tempes Storage Temperat Operating Humidi Dimensions & W OTE: *1. Time for outg Storage Temperat Operating Humidi Dimensions & W OTE: *1. Time for outg Others *1. Time for outg Others *1. Time for outg OTE: *1. Tim	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy (Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy (Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Setting Accuracy Operation Setting Accuracy (Setting Accuracy Operation Setting Accuracy Setting Accuracy Setting Accuracy (Setting Accuracy Operation Setting Accuracy Setting Accuracy Set	\pm (0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C \pm (0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated ou \pm (1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou \pm (1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated ou \pm (1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 200VA 0 °C ~ 40 °C -20 °C ~ 70 °C 20% ~ 80% RH; No condens 107 (W) × 124 (H) × 313 (D) r (0.1% + 10mV) of its rated % of its rated output current to 10 MHz to 20 MHz ble High-precision DC P able High-precision DC P able High-precision DC P	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA sation sation sation sation sation sation set (CD 360 100 PPX (GTL- GTL- GTL- GTL- GTL- GTL- GTL-	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA s): Approx. 5.5kg utput voltage, with rated resistiv fter a 30 minute warm-up CESSORIES (User Manual), Power 3, 1m, 10A) (GTL-105/ 5/PPX-2005/PPX-360 -2002/PPX-3601/PPX L-201A, Ground lead i IONAL ACCESSORIE 258 GPIB Cable, 2000mr 259 RS-232 Cable with D 260 RS-485 Cable with D 260 RS-485 Slave cable	± (0.1% of rdg + 16µA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connecting selector switche damaged the ins Specifications subject to c Cord, Test Lead (GTL A for PPX-2002/PPX-3 3 <european jac<br="" type="">-10H01<european jac<br="" type="">-10H01<european jac<br="" type="">Sponnector to RJ45 B9 connector to RJ45</european></european></european>	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A 40Amax 300VA 40Amax 300VA 1.8V ~ 0.15A ~ 3.3A 0.15A ~ 3.5A ~ 3	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V ~ 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A
IEMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OCP) Over Temperatu Protection (OCP) OthER Interface Capab Nominal Input V Input Frequency Max. Inrush Curre Max. Power Cons Operaing Tempe Storage Temperat Operating Tempe Storage Temperat Operating Tempe Storage Temperat Operating Tempe Storage Humidity Dimensions & W OTE: *1. Time for outp output for a 1 *2. Measuremen *3. Measuremen *3. Measuremen *3. Measuremen ORDERING PPX-1005 (10V/5 PPX-2005 (20V/5 PPX-3603 (36V/3 PPX-3603 (36V/3 PPX-10H01 (100V)	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Range Couple) Resolution Accuracy Operation) Setting Range Setting Accuracy Operation) Setting Range Setting Accuracy Operation) Setting Range Setting Accuracy (Operation) Setting Range Setting Accuracy Operation) Setting Range Setting Accuracy (Operation) Setting Range Setting Accuracy (Operation) Setting Range Setting Accuracy (Operation) Setting Range Setting Accuracy (Operation) Setting Range Setting Accuracy (Operation (Setting Range Setting Accuracy (Operation) (Setting Range RS-232/RS-485 (Ottage (Fange ent USB RS-232/RS-485 (Ottage (Fange	± (0.1% of rdg + 40µA) 200 ppm/°C -200°C-+1372°C 0.25°C ± (0.5% + 2°C) Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated out ± (1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated out ± (1% of rating) Turns the output off, display 0.25A ~ 5.5A (5% to 110% of the rated out ± (1% of rating) Turns the output off, display MAC Address, DNS IP Addr Type A: Host, Type B: Slave, Complies with the EIA-RS-23 100Vac / 120Vac / 220Vac / 2 47Hz - 63Hz 25Amax 200VA 0°C ~ 40°C - 20°C ~ 70°C 20% ~ 85% RH; No condens 20% ~ 131(D) to 10Hz to 20 MHz to 20 MH	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA sation sation sation sation sation sation set (CD 360 100 PPX (GTL- GTL- GTL- GTL- GTL- GTL- GTL-	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA s): Approx. 5.5kg utput voltage, with rated resistiv fter a 30 minute warm-up CESSORIES (User Manual), Power 3, 1m, 10A) (GTL-105/ 5/PPX-2005/PPX-360 -2002/PPX-3601/PPX L-201A, Ground lead i IONAL ACCESSORIE 258 GPIB Cable, 2000mr 259 RS-232 Cable with D 260 RS-485 Cable with D 260 RS-485 Slave cable	± (0.1% of rdg + 16µA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connecting selector switched damaged the ins Specifications subject to c Cord, Test Lead (GTL A for PPX-2002/PPX-3 3 <european jac<br="" type="">-10H01<european jac<br="" type="">-10H01<european jac<br="" type="">Sponnector to RJ45 B9 connector to RJ45</european></european></european>	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A 40Amax 300VA 40Amax 300VA 1.8V ~ 0.15A ~ 3.3A 0.15A ~ 3.5A ~ 3	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A
EMPERATURE Temperature (K-Type Thermoor PROTECTION Over Voltage Protection (OVP) Over Current Protection (OCP) Over Temperatur Protection (OTP) DTHER Interface Capab Nominal Input V nput Frequency dax. Inrush Current Storage Temperat OPTHER Interface Capab Storage Temperat OPTHER Mominal Input V Difference Storage Temperat OPTHER OPTHER OPTHER PPX-1005 (10V/5 PPX-2005 (20V/2 PPX-2005 (20V/2 PPX-2005 (20V/3 PPX-10H01 (100V, PPX-10H01 (100V, PPX-10H01 (100V, PPX-10H01 (100V, OOD WILL I 7.1, Jhongsing Ro	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy (Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy (Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Setting Accuracy Operation Setting Accuracy (Setting Accuracy Operation Setting Accuracy Setting Accuracy Setting Accuracy (Setting Accuracy Operation Setting Accuracy Setting Accuracy Set	$\pm (0.1\% of rdg + 40\muA)$ 200 ppm/°C -200°C-+1372°C 0.25°C $\pm (0.5\% + 2°C)$ Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated output off, display 0.5A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 100% of the rated output off, display 0.200VA (120Vac / 220Vac	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA sation sation sation sation sation sation set (CD 360 100 PPX (GTL- GTL- GTL- GTL- GTL- GTL- GTL-	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA s): Approx. 5.5kg utput voltage, with rated resistiv fter a 30 minute warm-up CESSORIES (User Manual), Power 3, 1m, 10A) (GTL-105/ 5/PPX-2005/PPX-360 -2002/PPX-3601/PPX L-201A, Ground lead i IONAL ACCESSORIE 258 GPIB Cable, 2000mr 259 RS-232 Cable with D 260 RS-485 Cable with D 260 RS-485 Slave cable	± (0.1% of rdg + 16µA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connecting selector switched damaged the ins Specifications subject to c Cord, Test Lead (GTL A for PPX-2002/PPX-3 3 <european jac<br="" type="">-10H01<european jac<br="" type="">-10H01<european jac<br="" type="">Sponnector to RJ45 B9 connector to RJ45</european></european></european>	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 0.15A ~ 3.3A 40Amax 300VA 40Amax 300VA 1.8V ~ 0.15A ~ 3.3A 0.15A ~ 3.5A ~ 3	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A
EMPERATURE Temperature K-Type Thermody PROTECTION Diver Voltage Protection (OVP) Diver Current Protection (OCP) Diver Temperatur Protection (OTP) DTHER Interface Capab Nominal Input V nput Frequency Max. Power Cons Diperaing Temperating Humidi Dimensions & With Dimensions & With PPX-1005 (10V/5 PPX-2002 (20V/2 PPX-2005 (20V/5 PPX-3601 (36V/1 PPX-10H01 (100V) DOD WILLI II .7-1, Jhongsing Ro	Current(L/LL) Temperature Coefficient'(TYP) MEASURED Couple) Range Resolution Accuracy Operation Setting Range Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Operation Setting Accuracy Range RS-232/RS-485 (oltage'' Range ent sumption erature ture dity Y (Fight INFORMATION SA/50W) Programma SA/108W) Programma SA/108W) Programma SA/108W) Programma SA/108W) Programma SA/108W) Programma SA/108W) Programma SA/108W) Programma	$\pm (0.1\% of rdg + 40\muA)$ 200 ppm/°C -200°C-+1372°C 0.25°C $\pm (0.5\% + 2°C)$ Turns the output off, display 0.5V - 11.0V (5% to 110% of the rated output off, display 0.5A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 110% of the rated output off, display 0.25A - 5.5A (5% to 100% of the rated output off, display 0.200VA (120Vac / 220Vac	±(0.1% of rdg + 24μA) 200 ppm/°C s OVP and lights ALARM 1.0V ~ 22.0V tiput voltage) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OCP and lights ALARM 0.1A ~ 2.2A tiput current) s OTP and lights ALARM ess, User Password, Gateway Speed: 1.1/2.0, USB-CDC 12/RS-485 specifications (exclu 240Vac(±10%), 50Hz / 60Hz, : 20Amax 150VA sation sation sation sation sation sation set (CD 360 100 PPX (GTL- GTL- GTL- GTL- GTL- GTL- GTL-	±(0.1% of rdg + 40μA) 200 ppm/°C 1.0V ~ 22.0V 0.25A ~ 5.5A IP Address, Instrument IP Add uding the connector) single phase 30Amax 300VA s): Approx. 5.5kg utput voltage, with rated resistiv fter a 30 minute warm-up CESSORIES (User Manual), Power 3, 1m, 10A) (GTL-105/ 5/PPX-2005/PPX-360 -2002/PPX-3601/PPX L-201A, Ground lead i IONAL ACCESSORIE 258 GPIB Cable, 2000mr 259 RS-232 Cable with D 260 RS-485 Cable with D 260 RS-485 Slave cable	± (0.1% of rdg + 16µA) 200 ppm/°C 1.8V ~ 39.6V 0.05A ~ 1.1A ress, Subnet Mask 35Amax 150VA e load *7. Before connecting selector switched damaged the ins Specifications subject to c Cord, Test Lead (GTL A for PPX-2002/PPX-3 3 <european jac<br="" type="">-10H01<european jac<br="" type="">-10H01<european jac<br="" type="">Sponnector to RJ45 B9 connector to RJ45</european></european></european>	±(0.1% of rdg + 28μA) 200 ppm/°C 1.8V ~ 39.6V 0.15A ~ 3.3A 40Amax 300VA 40Amax 300VA 40Amax 300VA 1.8V ~ 39.6V 0.15A ~ 3.3A 40Amax 300VA 1.8V ~ 39.6V 1.8V ~ 39.6V ~ 30.6V ~ 30.6V ~ 30.6V	±(0.1% of rdg + 24μA) 200 ppm/°C 5.0V - 110.0V 0.05A ~ 1.1A 0.05A ~ 1.1A 0.05S ~ 1