

Dropper type Low Noise DC Power Supplies

Series	PPE Series 2 Models	PPR Series 2 Models	PPX Series 6 Models
Variations	20V/5A, 32V/3A	20V/5A, 32V/3A	10V/5A, 20V/2A, 20V/5A 36V/1A, 36V/3A, 100V/1A
			
Rated power	100W	100W	Max. 108W
Operation mode	CV, CC	CV, CC	CV, CC, CP
Sequence	×	CSV script (Power mode only)	CSV script
Preset	×	5	10
Recorder	×	○	○
Bleeder off	×	○	○
Remote sensing	○	○	○
Key lock	○	○	○
Variable slew rate	×	○	○
Communication interface	×	USB-TMC/USB-CDC/ LAN/GP-IB (G Type)	USB-CDC/RS-232C/RS-485/ LAN/GP-IB (G Type)
USB flash drive	×	FAT32, Max. 32Gbyte	FAT32, Max. 32Gbyte
External analog Control	×	×	Voltage Settings Current settings
Monitoring output	×	×	Voltage Monitor Current Monitor
Status output	×	Output, CV, CC, Alarm	Output, CV, CC, Alarm
External output control	×	×	○ (LV TTL)
Voltage range	1	1	2 (x1, x0.1)
Current range	1	3 (x1, x0.1, x0.01)	4 (x1, x0.1, x0.01, x0.001)
Temperature measurement	×	×	K type Thermocouple
Protection functions	OVP, OCP, OTP, Reverse	OVP, OCP, OTP, Reverse	OVP, OCP, OTP, Reverse
Electronic load function	×	CV, CC	×
Integration function	×	×	Ampere hour, Watt hour
Calendar	×	○	○
Cooling method	Temperature controlled fan	Temperature controlled fan	Temperature controlled fan
Weight	Approx. 5.2kg	Approx. 5.5kg	Approx. 5.5kg
Dimensions	107(W) x 124(H) x 313(D) mm		
AC Input	AC 100V/120V/220V/240V ±10% Selectable, 47Hz~63Hz		

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PPE Series Low Noise DC Power Supplies



PPE20-5 20V/5A
PPE32-3 32V/3A

- Setting resolution: 1mV/0.1mA
- readback resolution: 0.1mV/0.01mA
- Provides CV/CC function
- Remote sensing
- Output On/Off control
- Provides OVP, OCP, OTP, reverse polarity protection functions
- Panel lock function
- 2.4-inch TFT-LCD
- Temperature controlled fan design
- 107x124x313 mm Approx. 5.2kg

Model	Output	Max. Power Consumption	Ripple & Noise	
			CV	CC
PPE20-5	20V/5A/100W	300VA	≤0.5mVrms	≤2mArms
PPE32-3	32V/3A/96W	300VA	≤0.5mVrms	≤2mArms



PPR Series Programmable High Precision DC Power Supplies



PPR20-5 20V/5A
PPR20-5G 20V/5A
PPR32-3 32V/3A
PPR32-3G 32V/3A

- Setting resolution: 1mV/0.1mA
- readback resolution: 0.1mV/0.01mA
- Provides CV/CC function
- Remote sensing
- Electronic Load Function
- Voltage And Current Slew Rate Control Function
- Output On/Off control
- Provides OVP, OCP, OTP, reverse polarity protection functions
- Recorder Function
- Sequence Function (Power mode)
- Bleeder Circuit Control
- Status Output (CV, CC, Output, Alarm)
- Interface: USB, LAN, GP-IB (G type)
- 2.4-inch TFT-LCD
- Temperature controlled fan design
- 107x124x313 mm Approx. 5.5kg

Model	Output	Max. Power Consumption	Ripple & Noise		GP-IB
			CV	CC	
PPR20-5	20V/5A/100W	300VA	≤0.8mVrms	≤2mArms	
PPR20-5G	20V/5A/100W	300VA	≤0.8mVrms	≤2mArms	○
PPR32-3	32V/3A/96W	300VA	≤0.8mVrms	≤2mArms	
PPR32-3G	32V/3A/96W	300VA	≤0.8mVrms	≤2mArms	○



PPX Series Programmable High Precision DC Power Supplies



PPX10-5 10V/5A
PPX20-2 20V/2A
PPX20-5 20V/5A
PPX36-1 36V/1A
PPX36-3 36V/3A
PPX100-1 100V/1A
PPX20-5G 20V/5A
PPX36-3G 36V/3A

- Provides CV/CC/CP function
- Remote sensing
- Voltage And Current Slew Rate Control Function
- Output On/Off control
- Provides OVP, OCP, OTP, reverse polarity protection functions
- Data Logger Function
- Sequence Function
- Bleeder Circuit Control
- Monitor Output (Voltage, Current)
- Status Output (CV, CC, Output, Alarm)
- K type Thermocouple measurement
- Interface: USB, RS-232C, RS-485, LAN, GP-IB (G type)
- 2.4-inch TFT-LCD
- Temperature controlled fan design
- 107x124x313 mm Approx. 5.5kg

Model	Output	Max. Power Consumption	Ripple & Noise		GP-IB
			CV	CC	
PPX10-5	10V/5A/50W	200VA	≤0.35mVrms	≤2mArms	
PPX20-2	20V/2A/40W	150VA	≤0.5mVrms	≤1mArms	
PPX20-5	20V/5A/100W	300VA	≤0.5mVrms	≤2mArms	
PPX36-1	36V/1A/36W	150VA	≤0.8mVrms	≤0.4mArms	
PPX36-3	36V/3A/108W	300VA	≤0.8mVrms	≤1mArms	
PPX100-1	100V/1A/100W	300VA	≤1.2mVrms	≤1mArms	
PPX20-5G	20V/5A/100W	300VA	≤0.5mVrms	≤2mArms	○
PPX36-3G	36V/3A/108W	300VA	≤0.8mVrms	≤1mArms	○



Options

Models	Descriptions
GTL-104A	Test Lead, Max 10A, Approx 1m
GTL-105A	Test Lead, Max 3A, Approx 1m
GTL-205A	Temperature probe adapter with thermocouple
GRA-441-E	Rack mount Adapter for EIA

Models	Descriptions
GTL-303	SMA RF Cable, 0.6m
GTL-246	USB cable, A-B type, 1.2m
GTL-258	GP-IB Cable for PPX-G Series
CB-2420P	GP-IB Cable for PPR-G Series