

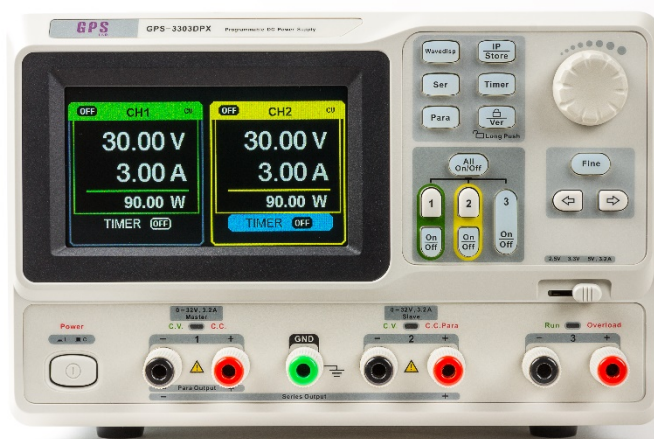


GPS

3303X/DPX

Fully programmable power supply with real-time wave display bringing a new experience to the user

The GPS-3303DPX gives the user full control over output with three independently controlled channels. Two channels can be used in series or parallel to create one output allowing for extended usability and application. All channels are fully isolated and are capable of generating a total of 220W. Each output has short-circuit and overload protection, and an intelligent temperature-controlled fan reduces operational noise. The large graphical display allows for clear setting and programming which are simply adjusted using the intelligible front panel dials and button options. In addition, the power supply can be remotely operated using the LAN interface and PC connectivity. Generate highly accurate levels of voltage and current with this fully programmable power supply.



Key Features

- 100/120/220/230 V compatible design to meet the needs of different power grids
- Up to 5-digit voltage and 4-digit current display with minimum resolution of 1mV/1mA
- Supports panel timing output functions
- 4.3" true colour TFT-LCD display with resolution of 480 x 272 pixels
- Clear graphical interface, with waveform display function
- Intelligent, temperature-controlled fan
- Store and recall 5 setup options
- Easypower© software / supports SCPI / LabVIEW driver

Technical Specifications

Model	GP-3303DPX	GPS-3303X
Channels	CH1: Voltage 0 to 32 V, Current 0 to 3.2 A CH2: Voltage 0 to 32 V, Current 0 to 3.2 A CH3: Voltage 2.5/3.3/5.0 V, Current 3.2 A	
Max output power	220W	
Resolution	10mV / 10mA	1mV / 1mA
Display digits	4.3 inches TFT-LCD display 4-digits voltage, 3-digits current	
Line Regulation	CV Mode: $\leq 0.01\% + 3\text{mV}$, CC Mode: $\leq 0.2\% + 3\text{mA}$ Parallel Mode: $\leq 0.01\% + 3\text{mV}$, Series Mode: $\leq 0.01\% + 5\text{mV}$	
Load Regulation	CV Mode: $\leq 0.01\% + 3\text{mV}$, CC Mode: $\leq 0.2\% + 3\text{mA}$ Parallel Mode: $\leq 0.01\% + 3\text{mV}$, Series Mode: $\leq 300\text{mV}$	
Ripple Noise	CV Mode: $\leq 1\text{mVrms}$ (5Hz ~ 1MHz) CC Mode: $\leq 3\text{mArms}$	
Program/Readback Accuracy	Voltage: \pm [0.5% of reading + 2 digits] Current: \pm [0.5% of reading + 2 digits]	Voltage \pm [0.03% of reading + 10mV] Current \pm [0.3% of reading + 10mA]
Display	4.3" colour TFT-LCD 4-digit voltage display 3-digit current display	4.3" colour TFT-LCD 5-digit voltage display 4-digit current display
Store/Memory Recall	5 sets	
Standard interface	USB Device, LAN	

Standard Accessories

EasyPower© software
USB cable
Output test cords (Qty 2); mains power cord
Product Certificate

Power

AC 100V/120V/220V/230V $\pm 10\%$ 50/60Hz

Insulation

Case to Terminal $\geq 20\text{M}$ (DC 500V)
Case to AC line $\geq 30\text{M}$ (DC 500V)

Safety

TÜV SÜD NRTL (UL CAN/CSA 61010-1)

General Specifications

Part Numbers / Optional Accessories		
Code	Item	Part Number
GPS-3303DPX	Precision three-way power independently controllable power supply 10mV/10mA	590330
GPS-3303X	Precision three-way power independently controllable power supply 1mV/1mA	590389

Dimensions

225 x 278 x 143mm / 9 x 11 x 6" (w x d x h) approx.

Mass

8.0kg/17.6lbs approx.

Operating

0°C ~ 40°C
Relative humidity $\leq 80\%$
 $\leq 2000\text{m}$
Installation Level: II
Pollution Level: 2

Storage

-10°C ~ 70°C
Relative humidity $\leq 70\%$

Services

1-year warranty (subject to product registration with GPS Ltd)

Visit www.gpslimited.com/register-product
Service and calibration available.

Please contact for more information

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