



GPS

# 3303DC

Programmable linear DC power supply that is both lightweight and feature-packed

The GPS-3303DC is a linear programmable DC power supply and has a LED-Display, supports programmability and real time wave display, bringing a new experience to users. It has three isolated outputs: two adjustable channels (0 V - 32 V / 3.2A) and one selectable channel from 2.5 V, 3.3 V, and 5V (3.2 A max.) with a built-in short circuit and overload protect function. Series and parallel functions allow two channels to be easily combined into one output with more power output ability, doubling the supplied voltage or current. Each of the 3 channel's outputs can be turned on/off independently or all 3 turned all-on/all-off simultaneously.



## Key Features

- 4-digit voltage and 3-digit current display with high precision adjustability (minimum resolution of 10mV/10mA).
- Series / parallel / independent mode functions
- Supports panel timing output functions
- Compatible with 100, 120, 220 and 230V installations
- Intelligent, temperature-controlled fan
- Store and recall 5 setup options
- Easypower© software / supports SCPI / LabVIEW driver

## Application

- Debugging in R&D
- Production / Automatic Test
- Quality Control and Test
- Teaching / Education

www.gpslimited.com/3303DC  
 For all enquiries, Tel: +44 (0) 208 964 3600  
 Email: info@gpslimited.com

## Technical Specifications

<b>Model</b>	<b>GP-3303DC</b>
<b>Channels</b>	CH1: Voltage range: 0-32V, Current range: 0-3.2A CH2: Voltage range: 0-32V, Current range: 0-3.2A CH3: Voltage range: 2.5 / 3.3 / 5V, Current range: 3.2A
<b>Max output power</b>	220W
<b>Resolution</b>	10mV / 10mA
<b>Display digits</b>	LED display 4-digits voltage 3-digits current
<b>Program/Readback Accuracy</b>	± (0.5% of reading+3 digits) for Voltage and Current
<b>Standard interface</b>	USB Device
<b>Line Regulation</b>	CV Mode: ≤0.01%+3 mV, CC Mode: ≤0.2%+3 mA Parallel Mode: ≤0.01%+3 mV, Series Mode: ≤0.01%+5 mV
<b>Load Regulation</b>	Const. Voltage Mode: ≤0.01%+3 mV, Const. Current Mode: ≤0.2%+3 mA Parallel Mode: ≤0.01%+3 mV, Series Mode: ≤300 mV
<b>Ripple &amp; Noise</b>	Const. Voltage Mode: ≤1 mVrms (5 Hz~1 MHz), Const. Current Mode: ≤3 mArms
<b>Memory Save/Recall</b>	5 sets

### Standard Accessories

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

### Power

AC 100V/120V/220V/230V ±10% 50/60Hz

### Insulation

Case to Terminal ≥20MΩ (DC 500V)  
Case to AC line ≥30MΩ (DC 500V)

### Safety

TÜV SÜD NRTL (UL CAN/CSA 61010-1)

## General Specifications

Part Numbers / Optional Accessories		
Code	Item	Part Number
GPS-3303DC	3 channels independent output precision DC Power Supply	590753

### Dimensions

275 x 225 x 136mm / 11 x 8.8 x 5.3" (w x d x h) approx.

### Mass

7.5kg/17.0lbs approx.

### Operating

0°C ~ 40°C  
Relative humidity ≤80%  
≤2000m  
Installation Level: II  
Pollution Level: 2

### Storage

-10°C ~ 70°C  
Relative humidity ≤70%

### Services

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

Visit [www.gpslimited.com/register-product](http://www.gpslimited.com/register-product)  
Service and calibration available.

Please contact for more information

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