

FEATURES

- Fan speed control circuit minimizes fan noise
- Four "3 Digits" LED Displays
- Low Ripple and Noise
- Output ON/OFF Switch
- Over Load and Reverse Polarity Protection

RS PRO Digital, Bench Power Supply, 200W, 4 Output, 5.2 V, 15 V, 30 V 1 A, 3 A

RS Stock No.: 123-3567



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

From RS PRO, these multiple output linear dc power supplies have been manufactured to industry standards and are a fantastic solution for anyone who carries out a lot of electronics or other powered projects on your bench that requires a reliable source of power at different voltages. This series offers a high quality power supply with 2-4 independent output channels, 180W to 200W output, overload and reverse polarity protection as well as an output ON/OFF switch for safety. Being part of the IPS series, these entry level general purpose power supplies are recognised for their affordability. This range of DC linear power supplies feature a user friendly interface with four "3 digits" LED display, providing an excellent user experience. This range of bench power supplies from RS PRO feature tracking operation and auto series and parallel operation, as well as low ripple and noise ensuring clean and precise test and measurement of various equipment

General Specifications

Type	Digital
Mode	Series/parallel
Number of Displays	4
Input Connector	IEC320
Output Connector	Plug-In Terminal Block
Number of Outputs	4
Recovery or Reaction Time	≤100µs (50% load change, minimum load 0.5A)
Number of channel	4
Insulation	Case to Terminal: ≥20 MΩ (DC 500 V) Case to AC line: ≥30 MΩ (DC 500 V)
Application	Education, Laboratories, Industry

Electrical Specifications

Supply Voltage	100VAC to 230VAC
Output Voltage	30V , 5.2 V, 15 V
Output Current	1A,3A
Power Rating	200W
Load Regulation	Constant voltage mode:-Voltage: $\leq 0.01\%+3$ mv Constant current mode:- Current: $\leq 0.2\%+3$ mA
Line Regulation	Constant voltage mode Voltage: $\leq 0.01\%+3$ mv Constant current mode Current: $\leq 0.2\%+3$ mA
Ripple	Voltage: ≤ 1 mVrms(5Hz to 1MHz) Current: ≤ 3 mArms
Tracking Error	$\leq 0.5\%+10$ mV
Series Regulation	$\leq 0.01\%+5$ mV

Mechanical Specifications

Dimension	255mm x145mm x265mm
Length	265mm
Width	255mm
Height	145mm
Weight	7kg Approx.

Channel 2 Specifications

Output Voltage	0V to 30V
Load Regulation	Constant voltage mode:-Voltage: $\leq 0.01\%+3$ mv Constant current mode:- Current: $\leq 0.2\%+3$ mA
Line Regulation	Constant voltage mode Voltage: $\leq 0.01\%+3$ mv Constant current mode Current: $\leq 0.2\%+3$ mA
Ripple & Noise	Voltage: ≤ 1 mVrms(5Hz to 1MHz) Current: ≤ 3 mArms

Channel 3 Specifications

Output Voltage	2.2V to 5.2V
Line Regulation	≤5mV
Load Regulation	≤15mV
Ripple & Noise	≤2mVrms(5Hz to 1MHz)

Channel 4 Specifications

Output Voltage	8V to 15V
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Meter Specifications

Type	3 digits 0.5" LED display
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Approvals

Compliance/Certifications	RoHS certificate of compliance
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GPS-001

Voltage/Current protection Knob



Rear Panel



IPS-3303

ORDERING INFORMATION

IPS-4303 4-channels, 200W Multiple Output Linear DC Power Supply
 IPS-3303 3-channels, 195W Multiple Output Linear DC Power Supply
 IPS-2303 2-channels, 180W Multiple Output Linear DC Power Supply

ACCESSORIES

User manual x 1, Power cord x 1,
 IPS-4303 : Test lead GTL-104A x 2,GTL-105A x 2 ; European test lead GTL-203A x 2,GTL-204A x 2, GTL-201 x 1
 IPS-3303 : Test lead GTL-104A x 2,GTL-105A x 1 ; European test lead GTL-203A x 1,GTL-204A x 2, GTL-201 x 1
 IPS-2303 : Test lead GTL-104A x 2

OPTIONAL ACCESSORIES

GPS-001 Voltage/Current Protection Knob

