

BENCHTOP PSU

1.5 to 30V / 1AMP ADJUSTABLE BENCHTOP POWER SUPPLY



The PSU 130 is a compact, lightweight benchtop power supply. Designed as an affordable yet highly functional piece of lab equipment, the PSU 130 will be commonplace in Engineering/Test departments worldwide.



1.5 to 30V / 1 Amp Benchtop PSU

Stock No.

PSU 130

Features

- Wide input voltage range : 100 - 240 Va.c. / 47 - 63 Hz
- Continuously variable 1.5 to 30V d.c. regulated output
- 0 to 1A output current
- Over-voltage, over-current and short-circuit protection
- Excellent regulation, low ripple
- Independent digital voltage and current indication with LED backlighting
- High efficiency design with low heat output
- Supplied with screw terminal adaptor block
- Standard test lead connections on 19 mm (0.75") spacing
- Compact : 135 x 140 x 53 mm (5.3 x 5.5 x 2.1")
- Lightweight : 520g (18.3oz)

FOR A FULL PRODUCT DATA SHEET, PRICING AND ON-LINE STORE VISIT:

www.lascarelectronics.com



Functions



- 1 Standard Worldwide AC power input supplied with either UK, US or Euro lead.
- 2 ON/OFF isolation switch.
- 3 Standard 4mm terminals on a 19mm pitch - recessed for safety.
- 4 Adjustable output potentiometer with a firm $\frac{3}{4}$ turn (270°) action.
- 5 Orange backlit LCD providing clear indication of voltage and current.
- 6 Stylish enclosure design.
- 7 Full UL / CE approval.

| Specification | Min | Typ | Max | Unit |
|---|-----|-----|-----|-------------------|
| Input voltage | 100 | | 240 | V a.c. |
| Input frequency | 47 | | 63 | Hz |
| Input current | 50 | | 650 | mA _{max} |
| Safety ground leakage current (@220 V a.c. / 50 Hz) | | 0.3 | | mA |
| Output voltage | 1.5 | | 30 | V d.c. |
| Maximum output current | | 1.2 | | A d.c. |
| Line regulation - (10% line voltage change) | | | 1 | % |
| Ripple and Noise, 20MHz BW | | | 100 | mV p-p |
| Operating temperature* | 0 | | +40 | °C |
| Storage temperature* | -10 | | +60 | °C |

* at <75% RH, non condensing

Please note that all specifications are correct at time of print. The Company reserves the right to change any specification, typographical, clerical or other error or omission without any liability on the part of the company.

Lascar Electronics Limited

Module House, Whiteparish, Salisbury,
Wiltshire SP5 2SJ UK

Tel: +44 (0)1794 884567 Fax: +44 (0)1794 884616
E-mail: sales@lascar.co.uk

Lascar Electronics, Inc.

3750 West 26th Street,
Erie, PA 16506

Tel: +1 (814) 835 0621 Fax: +1 (814) 838 8141
E-mail: us-sales@lascarelectronics.com

Lascar Electronics (HK) Limited

Flat C, 5/FL., Lucky Fly, Bldg., 63-65 Hung To Road,
Kwun Tong, Kowloon, Hong Kong

Tel: +852 2797 3219 Fax: +852 2343 6187
E-mail: b4lascar@samsongroup.com.hk

