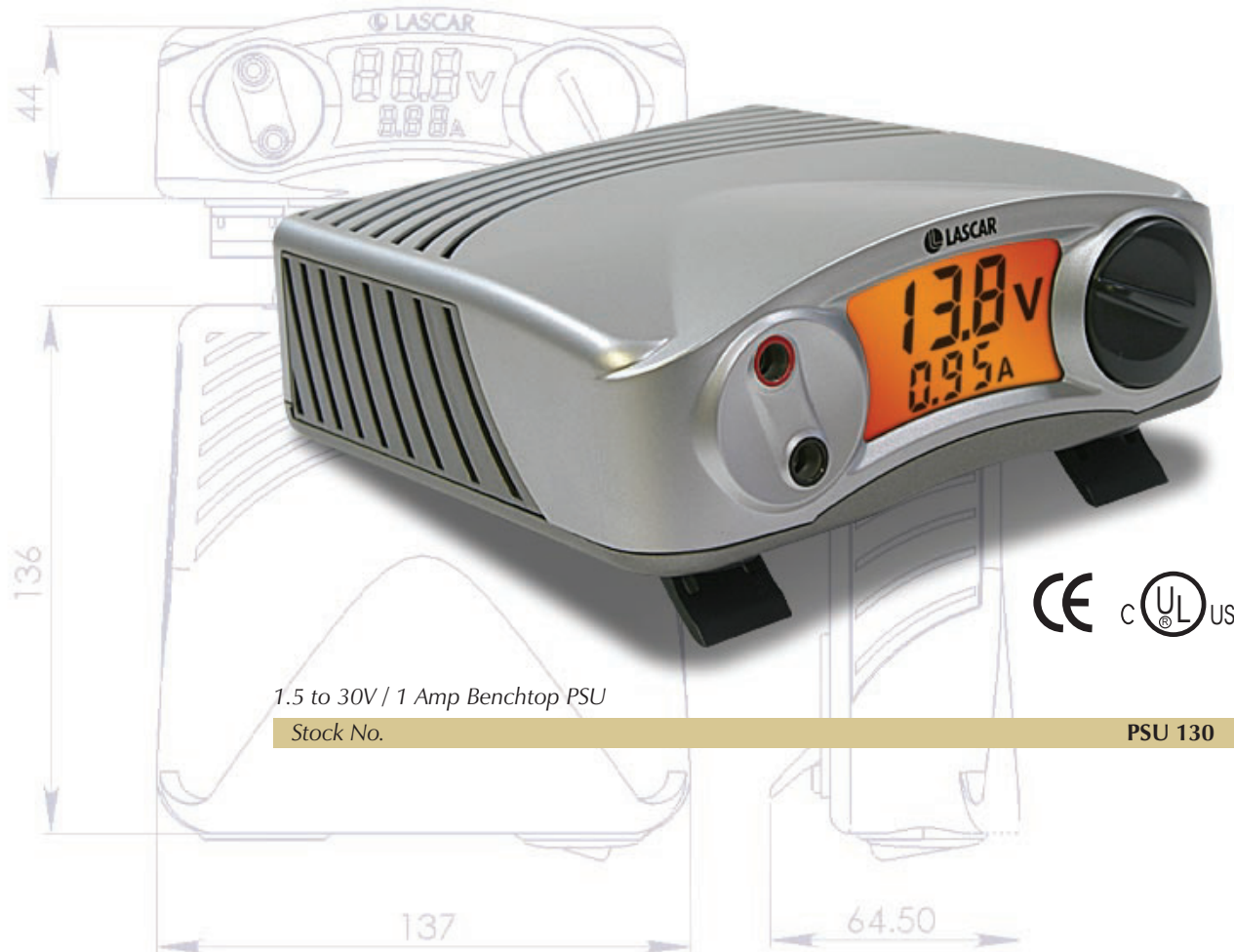


BENCHTOP PSU

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)

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