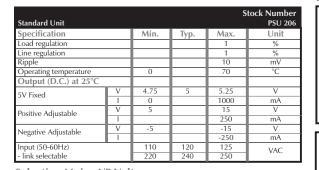
LASCAR PSU 206

Triple Rail Power Supply

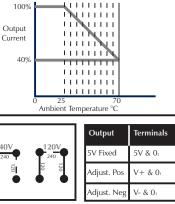
The PSU 206 is a 'Eurocard' sized power supply unit designed primarily for OEM use. The linear regulator Ics used have over-current and over-temperature protection.

- Simple Screw-Terminal Connection
- Encapsulated Mains Transformer
- Fixed 5V Output
- Separate, Fully Adjustable Split Rail Outputs



Derating Curve

The hotter the unit becomes the lower the current that may be taken from it. Enclosures should be adequately ventilated if necessary and power supplies should not be mounted upside down.

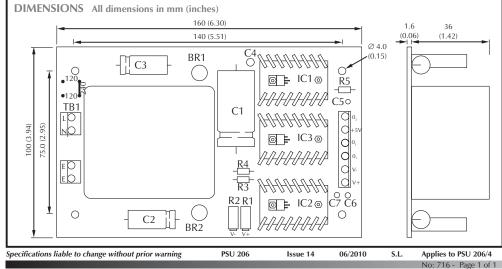


Selecting Mains I/P Voltage The unit is normally supplied connected for 240V operation. For 120V operation remove 240V link and insert BOTH 120V links.

Safety

For safe operation the unit must be installed in an enclosure which prevents accidental contact. If the enclosure is made of a conducting material or the internal surfaces have a conductive coating, ensure that no part of the power supply will come into contact with it. The unit need not be earthed but two terminals (E) are provided as a convenient anchorage for earth leads. The mains lead to the unit must be fused with a 160mA (240V operation) or a 315mA (120V operation) fuse. Fuses should be IEC 127 part 2, sheet 3, DIN 41662 anti-surge spiral. In general, it is the responsibility of the user to ensure that the incorporation of the power supply unit into the OEM equipment conforms to the relevant sections of EN 60742, in accordance with the Low Voltage Directive (LVD93/68/EEC).

IF IN DOUBT CONTACT AN APPLICATIONS ENGINEER.



LASCAR ELECTRONICS LTD. MODULE HOUSE, WHITEPARISH, WILTSHIRE 595 25J UK TEL: +44 (0)1794 884567 FAX: +44 (0)1794 884616 E-mail: sales@lascar.co.uk LASCAR ELECTRONICS INC. 4258 WEST 12th Street, ERIE, PA 16505 USA TEL: +1 (814) 835 0621 FAX: +1 (814) 838 8141 E-mail: us-sales@lascarelectronics.com LASCAR ELECTRONICS (HK) LTD. 8th FLOOR, CHINA AEROSPACE CENTRE, 143 HOI BUN ROAD, KWUN TONG, KOWLOON,HK TEL: +852 2389 6502 FAX: +852 2389 6535 E. mail: saleshk@lascar.com.hk

LASCAR PSU 206

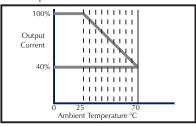
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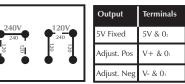
- Simple Screw-Terminal Connection
- Encapsulated Mains Transformer
- Fixed 5V Output
- Separate, Fully Adjustable Split Rail Outputs

Standard Unit				S	tock Number PS∪ 206
Specification		Min.	Тур.	Max.	Unit
Load regulation				1	%
Line regulation				1	%
Ripple				10	mV
Operating temperature		0		70	°C
Output (D.C.) at 25°C					
5V Fixed	V	4.75	5	5.25	V
	1	0		1000	mA
Positive Adjustable	V	5		15	V
	1			250	mA
Negative Adjustable	V	-5		-15	V
	1			-250	mA
Input (50-60Hz) - link selectable		110	120	125	VAC
		220	240	250	



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Selecting Mains I/P Voltage

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DIMENSIONS All dimensions in mm (inches) 160 (6.30) 1.6 36 140 (5.51) (0.06)(1.42)Ø 4.0 (0.15)BR1 0 C3 \bigcirc \cap IC1⊚ R5 -120 C50 TB1 C1 LЮ ND 75.0 (2. IC3⊚ 00 (3. 0 = R4 ЕD Еþ R3 \cap \cap R2 R1 IC2 (0 -Ο 0 C2 BR2 Applies to PSU 206/4 Specifications liable to change without prior warning **PSU 206** Issue 14 06/2010 S.L. No: 716 - Page 1 of 1

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