

Power Supply

D.C. Smoothing Unit



LB2639-001

Description:

This IEC Smoothing Unit can be applied to a DC, unfiltered output from a power supply to change the output to smooth DC. It consists of capacitors and a choke to provide very effective filtering of the DC.

Completely unfiltered full wave DC is changed to DC as follows:

At 3 amps: less than 1% ripple. Rating: Continuous.

At 5 amps: less than 2% ripple Rating: 1 hour on, 30 mins off.

At 8 amps: less than 5% ripple. Rating: 15 minutes on, 15 minutes off.

Specifications & Cautions:

- Maximum voltage: 40V.DC.
- Never connect the Smoothing Unit to an AC power source.
- Never connect the output sockets to the power source.
- The input sockets of the Smoothing Unit are protected against reverse polarity connection. This is important because if the electrolytic capacitors are connected backwards, they will severely heat quickly and will be destroyed.

Length: 170mm	Width: 125mm	Height: 82mm	Weight: 1.6kg
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Designed and manufactured in Australia

INDUSTRIAL EQUIPMENT & CONTROL PTY.LTD.

61-65 McClure St. Thornbury. 3071 Melbourne. Australia

Tel: 61 (0)3 9497 2555 Fax: 61 (0)3 9497 2166 www.iecpl.com.au