



C.M. TECHNOLOGY

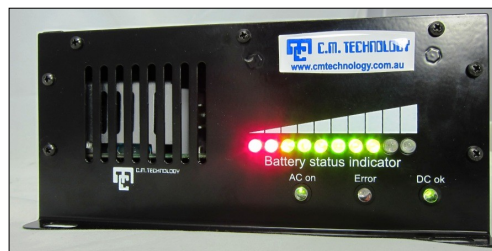
Designed and Manufactured in Australia

www.cmtechnology.com.au

BMD Series

POWER SUPPLY & BATTERY MANAGER

*The BMD Series is a compact
90-264 V AC Input & 13.8V DC Output
Plus Battery Manager.*



- Monitors AC Input, DC Output & Charger Status
- 100% full load burn in tested
- Built-in Active PFC functionality
- Low ripple noise
- Overload/Overvoltage/Over temperature protected

PRODUCT SHORTFORM

Rev. A3

Tel: +61 (2) 9764 5655

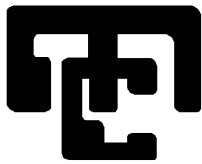


	Nominal Output Voltage (V DC)	Load Current (AMPS)	Charging Current (AMPS)	Total Power (Watts)	AC OK INDICATION LED	DC OK INDICATION LED	10 LED battery status Indication	Error (Battery Polarity) LED	Battery Low Voltage (LVD) Disconnect	Load Terminal	Battery Terminal	Battery Fuse	Fan cooling	Mains to Battery transfer time	Dimensions H X W X L (mm)
BMD12-4	13.8	3	1	60	YES	YES	YES	YES	YES	At the rear	At the rear	YES	NO	ZERO	81 x 180 X 212
BMD12-6	13.8	5	1	85	YES	YES	YES	YES	YES	At the rear	At the rear	YES	NO	ZERO	81 x 180 X 212
BMD12-8	13.8	7	1	110	YES	YES	YES	YES	YES	At the rear	At the rear	YES	NO	ZERO	81 x 180 X 212
BMD12-10	13.8	9	1	140	YES	YES	YES	YES	YES	At the rear	At the rear	YES	YES	ZERO	81 x 180 X 212
BMD12-12	13.8	10	2	170	YES	YES	YES	YES	YES	At the rear	At the rear	YES	YES	ZERO	81 x 180 X 280
BMD12-13	13.8	10	3.7	190	YES	YES	YES	YES	YES	At the rear	At the rear	YES	YES	ZERO	81 x 180 X 212
BMD12-14	13.8	12	2	195	YES	YES	YES	YES	YES	At the rear	At the rear	YES	YES	ZERO	81 x 180 X 280
BMD12-16	13.8	13	3	220	YES	YES	YES	YES	YES	At the rear	At the rear	YES	YES	ZERO	81 x 180 X 330
BMD12-18	13.8	15	3	250	YES	YES	YES	YES	YES	At the rear	At the rear	YES	YES	ZERO	81 x 180 X 330
BMD12-20	13.8	16	4	280	YES	YES	YES	YES	YES	At the rear	At the rear	YES	YES	ZERO	81 x 180 X 330

Please note that this is a table of standard C.M. Technology Power Supplies. Contact us for a custom solution to suit your application.

A Caspian Technology Company

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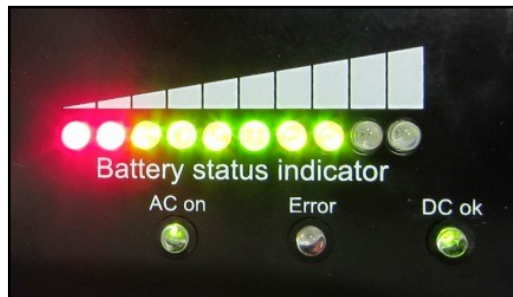
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The BMD series has been designed to suit the unique requirements of AC-DC converters utilised in industrial and communications applications. The BMD series has been developed for a very wide AC supply range from 90 to 264 volts.

Manufactured using switchmode topology, the BMD series has a high energy efficiency. This relatively high efficiency allows operating temperature of up to a maximum 70°C. Our high quality components are housed in a stainless steel and powder coated casing, specifically designed for industrial applications.

The case sits on 4 soft feet for desktop use. The front is powder coated black and lettered with "DC ok", "AC On" and "Error". The DC connections are by means of a screw terminal block on the back panel.



The finished AC-DC converters are all burnt in at full load to provoke any infant mortality failures, with some products held on long term burn-in.

The BMD series are compliant with the Australian C-Tick Standard.

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