

BCM NiCd

WIDE RANGE BATTERY CHARGERS



BCM NiCd WIDE RANGE BATTERY CHARGERS

- 100-250 VAC
- In Case IEC 320 with Ground
- LED Indicators
- Charges NiCd Batteries
- Optimizes Battery Life
- Meets Safety Agency Requirements
- Complies with EMI-RFI Regulations
- Impact Resistant Polycarbonate Enclosure
- Private Label Marking Available
- 3 Year Warranty
- Modified and Custom Designs Also Available

BCM NiCd

Ault Part No.	Number of Cells	Volts DC	Fast Charge Current Amps
BCM-*-306-150-00-03K	3 – 06	3 – 9	1.5
BCM-*-306-120-00-03K	3 – 06	3 – 9	1.2
BCM-*-306-100-00-03K	3 – 06	3 – 9	1.0
BCM-*-306-080-00-03K	3 – 06	3 – 9	0.8
BCM-*-306-060-00-03K	5 – 10	3 – 9	0.6
BCM-*-510-120-00-03K	5 – 10	5 – 15	1.2
BCM-*-510-100-00-03K	5 – 10	5 – 15	1.0
BCM-*-510-080-00-03K	5 – 10	5 – 15	0.8
BCM-*-510-060-00-03K	5 – 10	5 – 15	0.6
BCM-*-812-100-00-03K	8 – 12	8 – 18	1.0
BCM-*-812-080-00-03K	8 – 12	8 – 18	0.8
BCM-*-812-060-00-03K	8 – 12	8 – 18	0.6

Ault Part No. Key

BCM	*	306	150	00	03	K
Product Family Name	Denotes Safety Timer (see pg. 2)	Number of Cells	Fast Charge Current/Amps	Denotes standard or custom requirements	Connector	Manufacturing Location



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WIDE RANGE BATTERY CHARGERS

Input

Voltage	100-250 VAC -10%, +6%
Line Frequency	47 - 63 Hz
Current	0.5 max at 120 VAC input
Protection	Internal primary current fuse Inrush limiting Short Circuit Protection

Electrical

Topology	Switching - DC battery charger
Dielectric Withstand	3,000 VAC, 4242 VDC primary- secondary
EMI	Complies with EMC Directives
CE	CE Compliant
MTBF	100,000 calculated hours
Protection	Output current limiting, Short circuit protection

Safety Approvals

Agency Listings	CULus 60950; TUV EN60950
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Safety Timer Codes (*from pg. 1)

1 = 1.5 hours	3 = 6.0 hours
2 = 3.0 hours	4 = 9.0 hours

Please specify the Safety Timer Code in your order.

Input Configuration



IEC320
w/ground
C14
(F)

Configuration: In Case IEC320 with ground

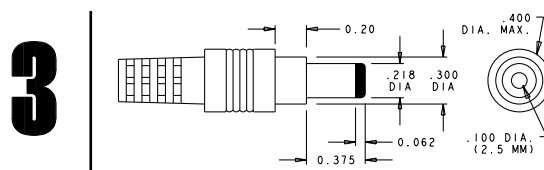
Environmental

Operating Temperature	0° - 50° C with no derating
Storage Temperature	-30° to +85° C
Relative Humidity	5% to 95% non-condensing 0-10,000 feet
Altitude	0-10,000 feet
Cooling	Convectional - non vented case

Mechanical

Case and Dimensions	LP6 - Desktop 4.22L x 2.60W x 1.51H (in) 107.2L x 66.04W x 38.35H (mm)
Case Material	Black 94V0 polycarbonate
Weight	8 ounces, 210 grams (excluding cord)
Cords and Connectors	6 ft., 2 conductor, 18 AWG, Ault #3 connector. Other connectors are also available.

Connector



Pinout Code	Center contact: positive
Description	Switchcraft 760 plug or equivalent
Suggested Mating	Switchcraft 712A jack or equivalent
Other Connectors are available by special order	



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