



BCM NiMH

WIDE RANGE BATTERY CHARGERS

BCM NiMH WIDE RANGE BATTERY CHARGERS

- 100-250 VAC
- In Case IEC 320 with Ground
- LED Indicators
- Charges Nickel Metal Hydride 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 NiMH

Ault Part No.	Number of Cells	Volts DC	Fast Charge Current Amps
BCM-*-306-150-00-21X	3 – 06	3 – 9	1.5
BCM-*-306-120-00-21X	3 – 06	3 – 9	1.2
BCM-*-306-100-00-21X	3 – 06	3 – 9	1.0
BCM-*-306-080-00-21X	3 – 06	3 – 9	0.8
BCM-*-306-060-00-21X	5 – 10	3 – 9	0.6
BCM-*-510-120-00-21X	5 – 10	5 – 15	1.2
BCM-*-510-100-00-21X	5 – 10	5 – 15	1.0
BCM-*-510-080-00-21X	5 – 10	5 – 15	0.8
BCM-*-510-060-00-21X	5 – 10	5 – 15	0.6
BCM-*-812-100-00-21X	8 – 12	8 – 18	1.0
BCM-*-812-080-00-21X	8 – 12	8 – 18	0.8
BCM-*-812-060-00-21X	8 – 12	8 – 18	0.6

Ault Part No. Key

Product Family Name	Denotes Safety Timer (see pg. 2)	Number of Cells	Fast Charge Current/Amps	Denotes standard or custom requirements	Connector	Manufacturing Location
BCM	*	306	150	00	21	X



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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	3000 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)

5 = 1.5 hours	7 = 6.0 hours
6 = 3.0 hours	8 = 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

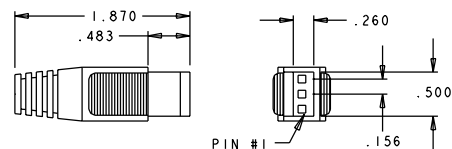
Operating Temperature	0° - 50° C with no derating
Storage Temperature	-30° to +85° C
Relative Humidity	5% to 95% non-condensing 0-10,000 feet
Altitude	0-10,000 feet
Cooling	Convectional - non vented case

Mechanical

Case and Dimensions	4.22L x 2.60W x 1.51H (in) 107.2L x 66.04W x 38.35H (mm)
Case Material	94V0 polycarbonate; black is standard color; other colors available - extra charges may apply
Weight	8 ounces, 210 grams (excluding cord)
Cords and Connectors	6 ft., 3 conductor, 18 AWG, Ault #21 connector (thermistor is in pack). Other connectors are also available.

Connector

21



Pinout Code	Battery (+): 1, Thermister: 2, Battery (-): 3
Description	3-pin overmolded Molex connector Housing 26-03-4041 Terminals 08-50-0187
Suggested Mating	0.045 square pin on 0.156 centers. (Ref: Molex Serieos 2220, 5273, 5274)

Other Connectors are available by special order



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