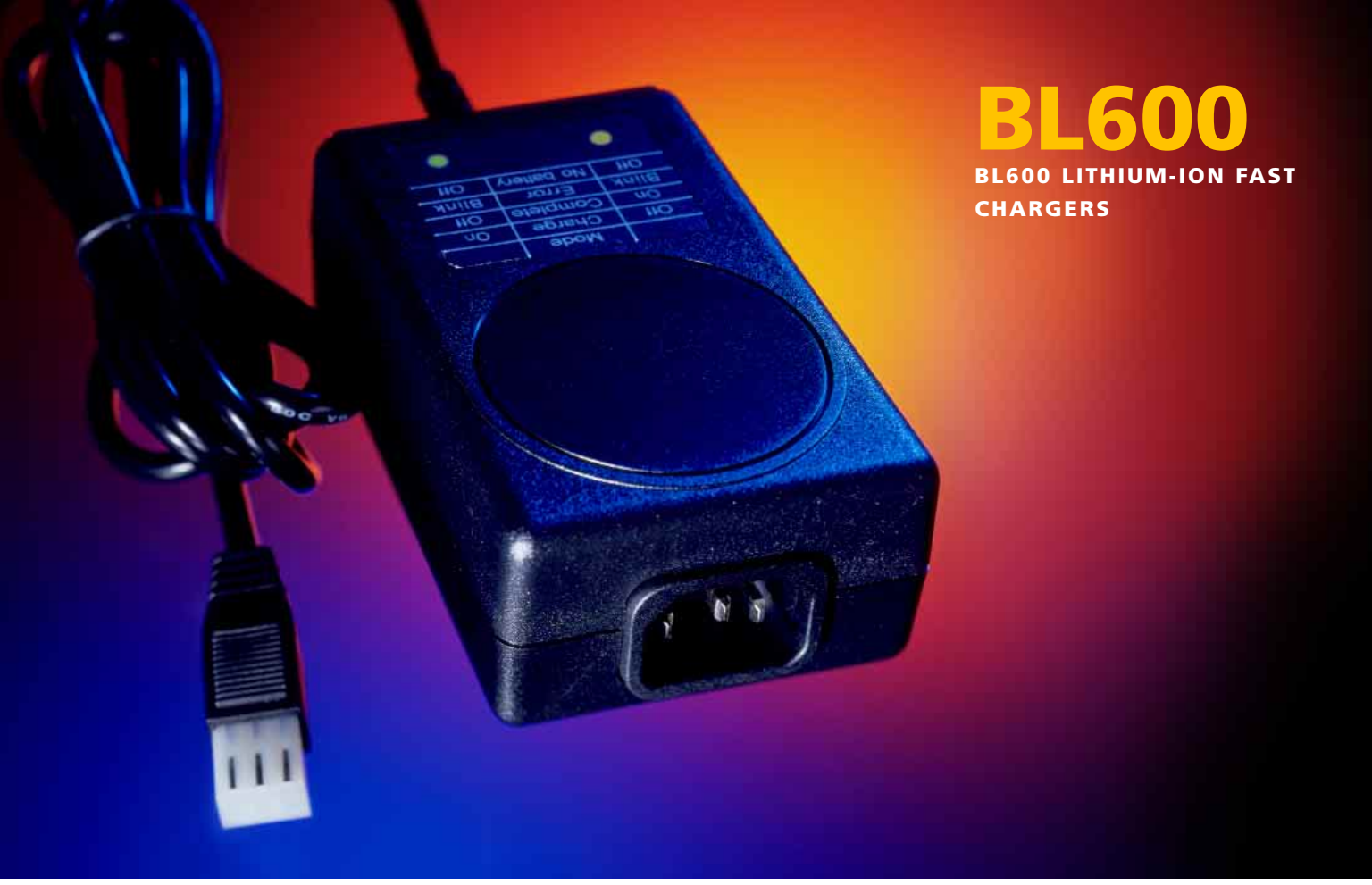

BL600

BL600 LITHIUM-ION FAST CHARGERS

BL600 LITHIUM-ION FAST CHARGERS

- 100-250 VAC
- In Case IEC 320
- LED Indicators
- Charges Li-Ion 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

BVL

Ault Part No.	Thermistor Required	Number of Cells	Volts DC	Fast Charge Maximum **Current Amps
BL600-*-02-170-00-03K	No	2	8.4	1.7
BL600-*-03-314-00-03K	No	3	12.6	1.4
BL600-*-04-100-00-03K	No	4	16.8	1.0
BL600-*-02-170-00-21K	Yes	2	8.4	1.7
BL600-*-03-314-00-21K	Yes	3	12.6	1.4
BL600-*-04-100-00-21K	Yes	4	16.8	1.0

****Available Current Rating**

2 Cell	0.10 to 1.70A
3 Cell	0.10 to 1.40A
4 Cell	0.10 to 1.00A

Ault Part No. Key

BL600	*	02	170	00	03	K
Product Family Name	Denotes Safety Timer (with or without thermistors)	Number of Cells	Fast Charge Current/Amps	Denotes standard or custom requirements	Connector	Manufacturing Location

AULT INCORPORATED
7105 Northland Terrace | Minneapolis, Minnesota 55428 | USATEL (1) 763-592-1900
FAX (1) 763-592-1911 | E-MAIL info@aultinc.com | WEB www.aultinc.com
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BL600

BL600 LITHIUM-ION FAST CHARGERS

Input

Voltage	100-250 VAC -10%, +6%
Line Frequency	47 - 63 Hz
Current	0.80A - 0.35A (lower with higher voltage)
Protection	Internal primary current fuse Inrush limiting Short circuit protection

Electrical

Topology	Switching - DC battery charger
Dielectric Withstand	3000 VAC, 4243 VDC primary- secondary
EMI	Complies with EMC Directives
CE	CE Compliant
MTBF	100,000 calculated hours
MTBF	100,000 calculated hours
Protection	Output current limiting Short circuit protection

Safety Approvals

Agency Listings	CULus1950; TUV EN60950, CE

Input Configuration



IEC320
w/ground
C14
(F)

Configuration: In Case IEC320 with ground

LED Indicators

	Charge	80% Charge	Completion	Abnormal	No Battery
Led1 (Yellow)	ON	ON	OFF	Blink	OFF
Led2 (Green)	OFF	ON	ON	Blink	OFF

Environmental

Operating Temperature	0° to 40° C with no derating
Storage Temperature	-30° to +85° C
Relative Humidity	5% to 95% non-condensing
Altitude	0-10,000 feet
Cooling	Convectional - non vented case

Mechanical

Case and Dimensions	LP6 - Desktop 4.22L x 2.60W x 1.53H (in) 107L x 66W x 38H (mm)
Case Material	Black 94V0 polycarbonate
Weight	8 ounces, 224 grams (excluding cord)
Cords and Connectors	6 ft., 2 conductor, 20 AWG, Ault #3 connector and 6 ft., 3 conductor, 20 AWG Ault #21 connector. Other connectors are also available.

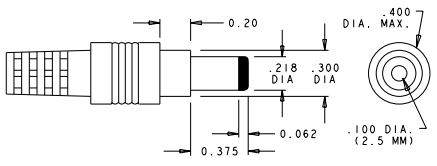
Charger Timers Available for 2, 3, and 4 Cell (*from pg. 1)

1 = 3 hr/no thermistor	5 = 3hr hr/ thermistor
2 = 6 hr/no thermistor	6 = 6hr hr/ thermistor
3 = 9 hr/no thermistor	7 = 9hr hr/ thermistor

Please specify the Charger Timer Code in your order

Connectors

3



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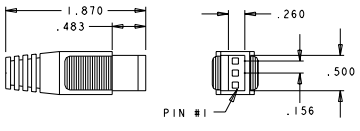

Other Connectors are available by special order

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