

SPECIFICATION

BCL31-04150 (+16.8V @ 1.5A)

1. Input

1) Input Voltage	100 to 240VAC +/- 10%
2) Line Frequency	47 – 63Hz
3) Current	0.6A max. @110VAC Input
4) Protection	Internal primary current fuse
5) Configuration	IEC320-C8 Inlet, without Ground

2. Output

1) Battery Type	Lithium ion / Polymer 4 Cells(14.8V)
2) Charging Method	Constant Current & Constant Voltage
3) Charging Voltage	16.8V +/-0.12V (as measure PCB output)
4) Charge Current	1.5A ±10%
5) Detection Fully Charge	200mA ±20mA (Cut-off Current)

3. Status Indicators

The status indicators shall be readable in normal indoor light.

1) Red LED ON	Charging
2) Green LED ON	Detected Full Charge, Battery Unloaded

4. Safety Approvals

1) Agency Listings	KC
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5. Electrical

1) Topology	Switching – Fixed Frequency Flyback
2) Dielectric Withstand	3000 VAC, 4243 VDC primary-secondary
3) Spacing	6.4mm primary-secondary
4) EMI	Complies with EMC Directives
5) CE	CE Compliant

6. Environmental

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|--------------------------|-------------------------------|
| 1) Operating Temperature | 0°C to 40°C with no derating |
| 2) Storage temperature | -30°C to +85°C |
| 3) Relative humidity | 5% to 95% non-condensing |
| 4) Altitude | 0-10,000feet |
| 5) Cooling | Convectonal - Non vented case |

7. Mechanical

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| 1) Dimension | PE #3 - Desktop
104(L) x 60(W) x 32.6(H) [mm]
4.09(L) x 2.36(W) x 1.28(H) [in] |
| 2) Case Material | ABS or PC |
| 3) Color | Black |

** 본 제품은 반드시 PCM(보호회로)을 내장하고 있는 Battery Pack 을 사용하십시오.