

# EBC Series



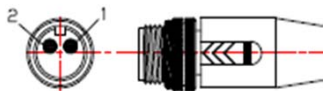
168W Single output Charger with Two-color LED indicates 单组输出充电器有两色 LED 指示

## Features

- Universal AC full range input
- Protection : OVP , OCP , Short Circuit
- Two-color LED indicates charging status
- Fully enclosed plastic Case
- Class 2 Battery charger
- Comply with CB,RCM,CE,FCC safety regulation
- Suitable for Li-ion battery application
- 1 years Warranty

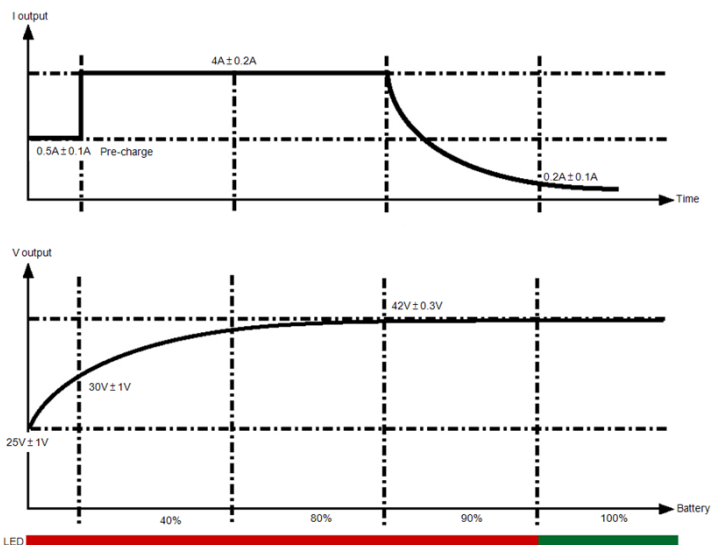


Pin No.	Symbol	Description
1	BAT3	Voltage Supply, +42V DC regulated
2	GND3	Ground and Current Return



## 本产品特点

- 国际通用交流输入范围
- 保护特性：过电压，过电流，短路保护
- 两色 LED 指示充电状态
- 全封闭塑膠外壳
- Class 2 电池充电器
- 符合 CB,RCM,CE,FCC安全规范
- 适用于锂电池应用
- 1年质保



Input voltage range 输入电压范围	90~264VAC
Input Frequency 输入频率范围	47~63Hz
LED indication LED 指示	LED Red light : Charge battery ; LED Green light : Battery full. 红色 : 充电中 ; 绿色 : 充电完成(浮充)
Input AC inrush current 冲击电流	Cold start 冷启动 , 100A( Typ. ) @ 240VAC
Max. Output Watt. 最大输出功率	168W
Efficiency 效率	90%
Protection Function 保护特性	Short circuit/Over current/Over voltage latch protection/Over temperature latch protection & power reset. 短路/过载过压 自动恢复
Operating Temperature 工作温度	-10°C~40°C
Operating Humidity 工作湿度	5%~90% RH Non-condensing 非冷凝
Leakage current 漏电流	< 0.3mA/264VAC
Withstand voltage 耐压	I/P-O/P: 3.0KVAC, I/P-PE: 1.5KVAC, I/P-O/P: 100 ohm 0.5KVDC
Insulation resistance 绝缘阻抗	>10M ohm / 500Vdc /25+/-5°C
Lighting Surge 雷击浪涌	2KV(L-N) & 1KV(L/N-PE)/1.2~50µsec
Colling Method 散热模式	Natural convection 自然风冷
MTBF (MIL-HDBK-217F) 平均故障间隔	30,000 hours @ Ta 25°C
Safety standards 安全标准	meet 符合 IEC/EN 60335-1, IEC/EN 60335-2-29 (CB) 认证
EMC standards 电磁兼容标准	meet 符合 EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, FCC Part 15B, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11, AS/NZS CISPR 14
Dimension (L*W*H)(mm) 外观尺寸	170*85*40
Weight (g) 重量	815 g

Model No. 型号	Output Current 输出电流	Output Max. Voltage 最大输出电压	Floating charge Vol. 浮充电压	Output Watt 输出功率	Efficiency 效率
EBC-144-0360	4A	41.7V~42V	38.5V~39.5V	168W	90%