



*the little power expert...*

**EV Battery Charger**

**48V/3A**

**Features**

- ☑ High efficiency & low energy consumption
- ☑ 2 Colour LED indication
- ☑ Short circuit protection with auto restart
- ☑ Compact size
- ☑ Surge voltage protection up to 3KV
- ☑ Input & Output fully Protection
- ☑ Minimum Noise ripple
- ☑ Less than 0.5% Line regulation
- ☑ Sustainable in worse input power condition
- ☑ Soft start System
- ☑ Application for **EV Battery Charging (LEAD ACID Battery)**



Model : **EVC4830A**

**Specifications**

| TEST PARAMETERS                        | UNIT | RESULT VALUE                                       |
|--|------|--|
| AC Input Voltage                       | VAC  | 140 - 280VAC                                       |
| Input Frequency                        | HZ   | 47 - 58Hz  |
| Input Current (on full load in 230VAC) | A    | 1.15A  |
| Power Factor                           | -    | 0.63   |
| Output Cut-Off Voltage (without load)  | VDC  | 58VDC (±2%tolerance)                               |
| Output Voltage (with load)             | VDC  | 48VDC (±2%tolerance)                               |
| Output Current                         | A    | 3A   |
| Output Watt                            | W    | 144W   |
| Overcurrent Protection                 | -    | -  |
| Overvoltage Protection                 | V    | -  |
| LED Indicator                          | -    | RED LED = Charging full , YELLOW LED = Charging ON |
| Efficiency                             | -    | 86%  |
| Operating Temperature                  | -    | -20 to +60°C.                                      |
| Operating Humidity                     | -    | 20 - 90% RH (non condensing)                       |
| Cooling                                | -    | Convection   |
| Line Regulation                        | -    | 0.5%   |
| Load Regulation                        | -    | NA   |
| Surge Protection                       | KV   | 3KV  |
| Weight                                 | g    | 550gm  |
| Over all Dimensions                    | mm   | L152 X W68 X H45                                   |
| Warranty                               | year | 1  |