

**SMPS based BATTERY CHARGER (Auto Float Boost)**

**MODEL** : BCOE4817A

**INPUT**

- \* I/P : 230V AC, 1-Ph, 50Hz
- \* Range : 180-270V AC
- \* Fuse Protection
- \* I/P MOV
- \* Soft Start

**OUTPUT**

- \* Nominal Battery Voltage : 48V DC
- \* Float Voltage : 54V
- \* Boost Voltage : 57.6V
- \* Current : 17A
- \* Line & Load Regulation : +/- 1%
- \* Ripple : +/- 1% (P-P)
- \* Protections : a) Over Load Protection auto recovery type.  
b) Short Circuit Protection auto recovery type.  
c) Over Voltage Protection Latching type.  
d) Reverse Polarity Protection by fuse.
- \* Current Limit

**ENVIRONMENTAL**

- \* Operating temperature 0 to 50<sup>0</sup> C.
- \* Humidity : < 95% Rh
- \* Enclosure IP 20 Protection

**GENERAL**

- \* Isolation : Input to Output - 1.5KV  
Input to Earth - 1.5KV  
Output to Earth- 500V

**INDICATIONS LED**

- : a) Input OK
- b) Battery Reverse
- c) Output OVP
- d) Float
- e) Boost
- f) O/T (Over Temperature)

**MECHANICAL**

- \* Dimension : approx. 235(W) X 200(D) X 100(H) mm
- \* Cooling type : Fan
- \* Weight : approx. 3Kgs