

**SMART BATTERY CHARGER****SPECIFICATION**

<b>MODEL</b>	BCOE4805A
<b>INPUT</b>	
I/P	230V AC, 1-Ph, 40-60Hz
Range	180-270V AC
Fuse Protection.	
I/P MOV	
Soft Start	
Inrush current	46A@230V AC
<b>OUTPUT</b>	
Nominal Battery Voltage	48V DC
Float Voltage	54V
Boost Voltage	57.6V
Current	5A (adjustable 1.7-5A)
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple	+/- 1% (P-P)
Protections	a) Overload Protection auto recovery type. b) Short circuit protection auto recovery type. c) OVP Protection Latching type. d) Reverse Polarity by fuse ??
Current Limit	Yes
<b>ENVIRONMENTAL</b>	
Operating temperature upto 50 <sup>0</sup> C.	
Humidity	< 95% Rh
IP 21 Protection	
<b>GENERAL</b>	
Potential Free Contact – Alarm contact Isolation	Input to Output – 1.5KV Input to Earth – 1.5KV Output to Earth- 500V
MTBF	50K Hrs to MIL
<b>INDICATIONS LED</b>	a) Input OK -- b) Output OK -- c) Output OVP d) Float e) Boost
<b>MECHANICAL</b>	
Dimension	195(W) X 130(D) X 100(H)mm
Cooling type	Fan
Weight	1.4 Kgs