

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

BCOE3630A

INPUT

I/P 230V AC, 1-Ph, 40-60Hz
Range 180-270V AC
Fuse Protection.
I/P MOV
Soft Start
Inrush current 23A@230VAC

OUTPUT

Nominal Battery Voltage 36V DC
Float Voltage 40.5V
Boost Voltage 43.2V
Current 30A (adjustable 7.5-30A)
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.
Current Limit Yes

ENVIRONMENTAL

Operating temperature upto 50⁰ C.
Humidity < 95% Rh
IP 21 Protection

GENERAL

Built in Power Factor Correction
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

INDICATIONS LED

a) Float
b) Boost
a) Input OK – Green LED
b) Output OK-Green LED
c) Input Under or Over Voltage(U/O)-Red LED
d) Output Over Voltage(OVP)-Red LED
e) Output Over Load(O/L)-Red LED
f) Over Temp(O/T)-Red LED
g) Output Short (S/B)-Red LED

MECHANICAL

Dimension

290(W) X 340(D) X 100(H)mm

Cooling type

Fan

Weight

6Kgs