

SPECIFICATION SHEET

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SMPS based BATTERY CHARGER (Auto Float Boost)

MODEL : BCOE1220A

INPUT

- * I/P : 230V AC, 1-Ph, 40-60Hz
- * Range : 180-270V AC
- * Fuse Protection
- * I/P MOV
- * Soft Start
- * Inrush current : 46A@230V AC

OUTPUT

- * Nominal Battery Voltage : 12V DC
- * Float Voltage : 13.5V
- * Boost Voltage : 14.4V
- * Current : 20A (adj.7-20A pot given inside cover)
- * Line Regulation : +/- 1%
- * 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 by fuse
- * Current Limit

ENVIRONMENTAL

- * Operating temperature 0 to 50^o C.
- * Humidity : < 95% Rh
- * IP 20 Protection

GENERAL

- * Potential Free Contact - Alarm contact for output fail
- * Isolation : Input to Output - 1.5KV
Input to Earth - 1.5KV
Output to Earth- 500V
- * MTBF : 50K Hrs to MIL

INDICATIONS LED

- : a) Input OK
- b) Battery reverse
- c) Output OVP
- d) Float
- e) Boost

MECHANICAL

- * Dimension : approx. 195(W) X 130(D) X 100(H)mm
- * Cooling type : Fan
- * Weight : approx. 1.4Kgs