

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

Modular Swappable Design

BC3KW22010A

Individual Unit of 110V 10A output.

INPUTI/P
Range
Fuse Protection.
I/P MOV
Soft Start
Inrush current230V AC, 1-Ph, 40-60Hz
180-270V AC

OUTPUTNominal Voltage
Float Voltage
Boost Voltage
Current
Line Regulation
Load Regulation
Ripple
Noise
Protections220V DC
247.5V (adjustable)
264V (adjustable)
10A
+/- 0.5%
+/- 1%
+/- 1% (P-P)
+/- 1%
a) Overload Protection auto recovery type.
b) Short circuit protection auto recovery type.
c) OVP Protection Latching type.
d) Over temperature auto recovery type.
e) Reverse Polarity protection

Current Limit.

ENVIRONMENTALOperating temperature upto 50⁰ C.
Humidity
IP 21

< 95% Rh

GENERALBuilt in Power Factor Correction- 0.99
IsolationInput to Output – 1.5KV
Input to Earth – 1.5KV
Output to Earth- 500V
50K Hrs to MIL

MTBF

Potential Free Contact for each module – Alarm contact

Auto Manual switch

INDICATIONS LED OF EACH MODULE(110V10A)

- Input OK – Green LED
- Output OK-Green LED
- Input Under or Over Voltage(U/O)-Red LED
- Output Over Voltage(OVP)-Red LED
- Output Over Load(O/L)-Red LED
- Output Over Temp(O/T)-Red LED
- Output Short (S/B)-Red LED

Indications on outer panel

- (1) DC output ok
- (2) AC input ok
- (3) Fault
- (4) Voltmeter
- (5) Ammeter
- (6) Float
- (7) Boost

MECHANICAL

Dimension

425W X 500D X 350H mm

Cooling type

Fan cooled

Weight

25 Kgs

OPTIONAL

Load and Battery terminal separate