

SMART BATTERY CHARGER

SPECIFICATION

MODEL	BCSA11010A
INPUT	
I/P	230V AC, 1-Ph, 40-60Hz
Range	180-270V AC
Fuse Protection.	
I/P MOV	
Soft Start	
Inrush current	23A@230V AC
OUTPUT	
Nominal Battery Voltage	110V DC
Float Voltage	123.75V
Boost Voltage	132V
Top up Voltage	143V(only for Lead acid battery)
Manual -Voltage adj.	110-150V
Current	10A (adjustable 2.5-10A)
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 & MCB.
Current Limit	Yes
ENVIRONMENTAL	
Operating temperature upto 50 ⁰ C.	
Humidity	< 95% Rh
IP 21 Protection	
GENERAL	
Digital Voltmeter & Currentmeter provided	
Input and output MCB provided	
Auto / Manual switch provided	
Jumper provided to select the battery type – SMF/ Lead Acid	
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 c) Equalizer d) Top up

MECHANICAL

Dimension	380(W) X 180(D) X 300(H)mm
Cooling type	Fan
Weight	9 Kgs

OPTIONAL

Load and Battery Terminal separate.

