

**BATTERY CHARGER Model: 3BC22010A**

It is modular system and consists of 2 modules of 220V 5A & 1 common controller unit.

**SPECIFICATIONS:-**

- \* Input : 180-270V AC Single phase, 47-63Hz
  - \* Battery Voltage : 220V DC
  - \* Float Voltage - 247.5V (adj)
  - \* Boost Voltage - 264V (adj)
  - \* Current : 10A (adj. by pot 5-10A)
  - \* Auto/ Manual selection switch shall be provided on front side of panel.
  - \* Float/ Boost selection switch shall be provided on front side of panel.
  - \* Potentiometer for Current, float & boost adjustment provided on front side.
  - \* LED indications : Float , Boost on front side of panel.
  - \* Input MCB
  - \* Dimension : approx. 355w x 475d x 425h mm
  - \* Net weight : approx. 25 kgs.
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**Specifications of 220V 5A (each individual unit) :--**

**I/P : 180 - 270V AC Single Phase**

- \* With Built in Power Factor Correction 0.99
- \* Fuse Protection.
- \* I/P MOV
- \* Soft Start

**O/P : 220V DC 5A**

- \* Voltage : 220V
- \* Current : 5A
- \* Line & Load Regulation : Less Than 1%
- \* Ripple & Noise : Less Than 1% (P-P)
- \* Over Load Protection auto recovery type.
- \* Short Circuit Protection auto recovery type.
- \* Over Voltage Protection Latching type.
- \* Over Temperature Protection auto recovery type.

- \* Current limit
- \* Operating Temperature 0 to 50<sup>0</sup> C.
- \* I/O Isolation : 2 KV
- \* Alarm Contact - Potential Free Contact for output fail
- \* Fan Cooled
- \* Enclosure Type : IP20

### **LED INDICATIONS OF 220V 5A MODULE :**

- 1) Input OK - Green LED
- 2) Output OK-Green LED
- 3) Input Under or Over Voltage (U/O)-Red LED
- 4) Output Over Voltage (OVP)-Red LED
- 5) Output Over Load (O/L)-Red LED
- 6) Output Over Temp ( O/T)-Red LED

### **Optional :**

- Load & Battery Terminal separate