

BATTERY CHARGER Model: 3BC24100A

It is modular system and consists of 2 modules of 24V 50A & 1 common controller unit.

SPECIFICATIONS:-

- * Input : 180-270V AC Single phase, 47-63Hz
- * Battery Voltage : 24V DC
- * Float Voltage - 27V (adj)
- * Boost Voltage - 28.8V (adj)
- * Current : 100A (adj. by pot 50-100A)
- * 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.

Specifications of 24V 50A (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 : 24V DC 50A

- * Voltage : 24V
- * Current : 50A
- * 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 50⁰ C.
- * I/O Isolation : 2 KV
- * Alarm Contact - Potential Free Contact for output fail
- * Fan Cooled
- * Enclosure Type : IP20

LED INDICATIONS OF 24V 50A 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