

BATTERY CHARGER Model: 6BC48100A

It is modular system and consists of 4 modules of 48V 25A & 1 common controller unit.

SPECIFICATIONS:-

- * Input : 180-270V AC Single phase, 47-63Hz
 - * Battery Voltage : 48V DC
 - * Float Voltage - 54V (adj)
 - * Boost Voltage - 57.6V (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. 485w x 405d x 510h mm
 - * Net weight : approx. 45 kgs.
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Specifications of 48V 25A (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 : 48V DC 25A

- * Voltage : 48V
- * Current : 25A
- * 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 48V 25A 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