

SMPS 48V50A

It is modular system and consists of 2 modules of 48V 25A connected in parallel.

SPECIFICATIONS:-

- * Input : 180-270V AC Single phase 47-63Hz
 - * Output :-
 - Voltage : 48V DC (48-60V)
 - Current : 50A (25-50A)
 - Voltage & Current adjustment by pot
 - * Digital voltmeter & current meter shall be provided to read output Voltage & current
 - * Input MCB at back side
 - * Dimension : approx. 355w x 475d x 425h mm
 - * Net weight : approx. 25 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
- * 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

- * Programmable by external signal of 0-5V / 0-10V - voltage & current
- * Control ON/OFF