

### **SMPS 48V100A**

**It is modular system and consists of 4 modules of 48V 25A connected in parallel.**

#### **SPECIFICATIONS:-**

- \* Input : 180-270V AC Single phase 47-63Hz
  - \* Output :-
    - Voltage : 48V DC (48-60V)
    - Current : 100A (50-100A)
    - Voltage & Current adjustment by pot
  - \* Digital voltmeter & current meter shall be provided to read output Voltage & current
  - \* Input MCB at back side
  - \* 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
- \* 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 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 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