

DC-DC CONVERTER

SPECIFICATION

MODEL	DC220-2450A
INPUT	
I/P	220V DC
Range	180-270V DC
Fuse Protection.	
I/P MOV	
Soft Start	
Inrush current	---
OUTPUT	
Nominal Voltage	24V DC
Voltage Range	24-30V
Current	50A
Line Regulation	+/- 0.5%
Load Regulation	+/- 1%
Ripple	+/- 1% (P-P)
Noise	+/- 1%
Protections	a) Overload Protection auto recovery type. b) Short circuit protection auto recovery type. c) OVP Protection Latching type. d) Over temperature auto recovery type.
Current Limit.	
ENVIRONMENTAL	
Operating temperature upto 50 ⁰ C.	
Humidity	< 95% Rh
IP 21	
GENERAL	
Built in Power Factor Correction- 0.99	
Parallable (active current sharing) and seriesable	
Isolation	Input to Output – 1.5KV Input to Earth – 1.5KV Output to Earth- 500V
MTBF	50K Hrs to MIL
Potential Free Contact – Alarm contact	

INDICATIONS LED

- a) Input OK – Green LED
- b) Output OK-Green LED
- c) Input Under or Over Voltage(U/O)-Red LED
- d) Output Over Voltage(OVP)-Red LED
- e) Output Over Load(O/L)-Red LED
- f) Output Over Temp(O/T)-Red LED
- g) Output Short (S/B)-Red LED

MECHANICAL

Dimension 290W X 340D X 100H mm
Cooling type Fan cooled – exhaust ??
Weight 6 Kgs

OPTIONAL

Redundancy by external diode.
Programmable by external signal – voltage & current
Remote ON/OFF
With Digital Voltmeter & Currenmeter