

## DC-DC CONVERTER

### SPECIFICATION

<b>MODEL</b>	DC220-11010A
<b>INPUT</b>	
I/P	220V DC
Range	180-270V DC
Fuse Protection.	
I/P MOV	
Soft Start	
Inrush current	---
<b>OUTPUT</b>	
Nominal Voltage	110V DC
Voltage Range	100-150V
Current	10A
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.	
<b>ENVIRONMENTAL</b>	
Operating temperature upto 50 <sup>0</sup> C.	
Humidity	< 95% Rh
IP 21	
<b>GENERAL</b>	
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