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## DC - DC CONVERTER

### TECHNICAL SPECIFICATION

<b>MODEL</b>	EE220-24V50A
<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	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.	
<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	
<b>INDICATIONS LED</b>	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
<b>MECHANICAL</b>	
Dimension	290W X 340D X 100H mm
Cooling type	Fan cooled – exhaust ??
Weight	6 Kgs
<b>OPTIONAL</b>	
Redundancy by external diode.	
Programmable by external signal – voltage & current	
Remote ON/OFF	
With Digital Voltmeter & Currenmeter	