

**DC-DC CONVERTER****SPECIFICATION**

<b>MODEL</b>	DC48-2420A
<b>INPUT</b>	
I/P	48V DC
Range	40-65V DC
Fuse Protection.	
I/P MOV ??	
Soft Start	
Inrush current	---
<b>OUTPUT</b>	
Nominal Voltage	24V DC
Voltage Range	22-26V
Current	20A
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.
Current Limit.	
<b>ENVIRONMENTAL</b>	
Operating temperature upto 50 <sup>0</sup> C.	
Humidity	< 95% Rh
IP 21	
<b>GENERAL</b>	
Parallable – modular type	
Isolation	Input to Output – KV Input to Earth – KV Output to Earth-V
MTBF	50K Hrs to MIL
<b>INDICATIONS LED</b>	a) Input OK b) Output OK c) Fault / OVP d) O/T
<b>MECHANICAL</b>	
Dimension	220W X 385D X 90H mm (1/2 19" Rack type 2U)
Cooling type	Fan
Weight	4.5 Kgs
<b>OPTIONAL</b>	
Redundancy by external diode.	