

## DC-DC Converters Specification

S NO	Electrical Parameters	Specification	Vendor remarks
<b>Item 1 : Single output DC-DC Power Supply</b>			
1	Input Voltage	175-320V DC	
2	Output Voltage	24V DC	
3	Minimum power rating	240W	
4	Input Regulation	1%	
5	Output response time	5ms	
6	Protection	The unit shall have in-built short circuit, over load and over Voltage protection.	
7	Ripple content in DC	Less than or equal to 5%	
8	Mechanical mounting	Rack mountable	
9	Output voltage adjustability	±10%	
10	Total Volume	Less than 1000 cm <sup>3</sup>	
<b>Item 2: Multi output DC-DC Power Supply</b>			
1	Input Voltage	24V DC	
2	Output Voltage	+5V, ±15V DC	
3	Minimum power rating	240W	
4	Input Regulation	1%	
5	Output response time	5ms	
6	Protection	The unit shall have in-built short circuit, over load and over Voltage protection.	
7	Ripple content in DC	Less than or equal to 5%	
8	Mechanical mounting	Rack mountable	
9	Output voltage adjustability	±10%	
10	Total Volume	Less than 1000 cm <sup>3</sup>	

Compliance: The items should be MIL-STD-461E Certified