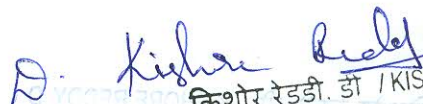


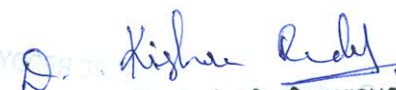
DC-DC Converters Specification

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

S NO	Electrical Parameters	BHEL Specification	Vendor remarks
Item 1 : Single output DC-DC Power Supply			
1	Input Voltage	165-370V DC	
2	Output Voltage	24V DC	
3	Power rating	400W or more	
4	Input Regulation	1% or better	
5	Output response time	5 ms or less	
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 1 V	
8	Mechanical mounting	PCB Mountable	
9	Output voltage adjustability	± 10% or more	
10	Maximum Dimensions L*B*H	100 mm*50 mm*30 mm	
11	Min current rating	15 A or more	
Compliance Certification standard For above item		MIL-STD-461E Compliance certificate to be provided for the specific part no. And the compliance to be confirmed for the supplied sl. No.	
Item 2: Single output DC-DC Power Supply			
1	Input Voltage	165-370V DC	
2	Output Voltage	+15V DC	
3	Power rating	400W or more	
4	Input Regulation	1% or better	
5	Output response time	5 ms or less	
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 1V	
8	Mechanical mounting	PCB Mountable	
9	Output voltage adjustability	± 10% or more	
10	Maximum Dimensions L*B*H	100mm*50mm*30mm	
11	Min current rating	20A or more	
Compliance Certification standard For above item		MIL-STD-461E Compliance certificate to be provided for the specific part no. And the compliance to be confirmed for the supplied sl. No.	


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Item 3 : Single output DC-DC Power Supply			
	1	Input Voltage	165-370V DC
	2	Output Voltage	12V DC
	3	Power rating	400W or more
	4	Input Regulation	1% or better
	5	Output response time	5ms or more
	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 1V
	8	Mechanical mounting	Rack mountable or through hole
	9	Output voltage adjustability	±10% or more
	10	Maximum Dimensions L*B*H	100mm*50mm*30mm
	11	Min current rating	25A or more
Compliance Certification standard For above item			MIL-STD-461E Compliance certificate to be provided for the specific part no. And the compliance to be confirmed for the supplied sl. No.
Item 4 : Single output DC-DC Power Supply			
	1	Input Voltage	165-370V DC
	2	Output Voltage	5V DC
	3	Power rating	200W or more
	4	Input Regulation	1% or better
	5	Output response time	5ms or more
	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 1V
	8	Mechanical mounting	Rack mountable or through hole
	9	Output voltage adjustability	±10% or more
	10	Maximum Dimensions L*B*H	100mm*50mm*30mm
	11	Min current rating	30A or more
Compliance Certification standard For above item			MIL-STD-461E Compliance certificate to be provided for the specific part no. And the compliance to be confirmed for the supplied sl. No.


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