

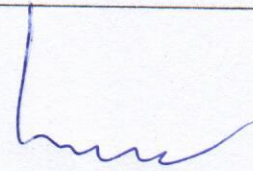
Date of sending enquiry: 01/10/18

Due date for receiving quotation: 22/10/18

Programmable 200V, 100A, 20 kW DC Power Supply

Technical Specifications

Parameters	Specifications
Max Output Voltage	200 V
Max Output Current	100 A
Max Power	20 kW
Efficiency	87% and above
<b>Load Regulation:</b>	
CV Mode	0.02% FS
CC Mode	0.04% FS
<b>Line Regulation:</b>	
CV Mode	0.01% FS
CC Mode	0.05% FS
<b>Ripple &amp; Noise:</b>	
Ripple and noise p-p (20MHz BW limiting)	175mV
Ripple (rms) Voltage Mode	40 mV
<b>Series Parallel Operation:</b>	
Parallel Operation	Shall be supported up to 4 units
Series Operation	Shall be supported up to 2 units by external protection diode
<b>Stability and Response Time:</b>	
Temperature stability	$\pm 0.05\%$ of rated o/p voltage over 8hrs operation after 30 minutes initial warm up
Transient response time	<3ms
<b>AC Mains operation</b>	
AC Mains Input	3 Ph, 400VAC, 50 HZ
Input Power Factor	>0.9 typical
<b>Environmental Conditions:</b>	
Operating temperature	0 to 50°C
Cooling	Forced air flow
<b>Others</b>	
Protection Features	Over Voltage, Over Current and Over Temperature
Interface Support	RS232 / 485, USB and Isolated Analog Interface
Warranty	5 years

  
25/10/18