

Date of sending enquiry: 01/10/18

Due date for receiving quotation: 22/10/18

**Programmable 600V/8.15A/5kW DC Power Supply**

**Technical Specifications**

Parameters	Specifications
Max Output Voltage	600 V
Max Output Current	8.15 A
Maximum Power	5 kW
Efficiency	87% and above
<b>Line Regulation:</b>	
CV Mode	0.01% of FS
CC Mode	±0.02% of FS
<b>Load Regulation:</b>	
CV Mode	0.05% of FS
CC Mode	0.1% of FS
<b>Ripple &amp; Noise:</b>	
Ripple and noise p-p @ 20MHz BW	500 mV
Ripple (rms) Voltage Mode	120 mV
<b>Series Parallel operation</b>	
Parallel Operation	Shall be supported up to 4 units
Series Operation	Shall be supported up to 2 units with external protection diodes
<b>Stability and Response Time</b>	
Temperature stability	0.05% of rated o/p voltage over 8hrs operation after 30 minutes initial warm-up
Transient response time	<2 ms
<b>AC Mains Supply Input:</b>	
AC Mains Input	3 phase, 400 V, 50 Hz
Input Power factor	>0.92 at FL
<b>Environmental Conditions:</b>	
Operating temperature	0 to 50°C
Cooling	Forced air flow from front to rear
Protection Features	Over Voltage, Over Current, Over Temperature
Interface support	RS-232/RS-485, USB and Isolated Analog Interface
Warranty	5 years

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