Date of sending enquiry: 26/7/2018

Due date for receiving quotation: 17/8/2018

Quantity Required: 2 Numbers

100V, 150A Programmable DC Power Supply

Technical Specifications

Parameters	Specifications
Output Voltage	100V
Output Current	150 A
Maximum Power	15kW
Efficiency	87% @ Nominal Supply voltage and @ Full load
Output Load Regulation:	
Voltage Mode	±0.02 % of Full scale
Current Mode	±0.1 % of Full scale
AC Mains Line Regulation (±10% nominal AC input):	
Output DC Voltage	±0.02 % of Full scale
Output DC Current	±0.08 % of Full scale
Output Ripple & Noise:	
Ripple Voltage	≤25mV rms
Noise	≤100mV$_{p-p}$ (20MHz BW limit)
Paralleling capability	Shall be built- in
Series capability	Shall be built-in (for at least two)
Stability	±0.1 % of Vo
Load Transient Response	Recovers within 3ms for a load change of either 50% to 100% or 100% to 50%
Programming Accuracy:	
(i)Remote Digital Interface	
Voltage Mode	±0.5 % of Full scale
Current Mode	±0.5 % of Full scale
(ii)Remote Analog Interface	
Voltage Mode	± 1 % of Full scale
Current Mode	± 1 % of Full scale
AC Mains Supply Input:	
Nominal Voltage	400VAC, 50Hz (3 phase, 3 wire + ground)
Input Power Factor	>0.88
Environmental Conditions:	
Operating temperature	O to 50 deg C
Cooling	Forced cooling
Protection Features	Over current, Over voltage, Over temperature and missing phase
PC Interfaces	Ethernet, RS 232/Rs485
Optional Features	(i) Isolated Analog Interface (ii) USB Interface (iii) GPIB Interface
Warranty	5 years

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