



Salient Features*

- DSP Based Double Conversion Topology with enhanced control over the Voltage and Frequency
- In-built requisite safety & protections like Short Circuit, Over Temp., Battery Low/High, Mains MCB Trip etc. with comprehensive display
- Wide input Voltage & Frequency Window
- Extremely Low Total Harmonic Distortion <3%
- Web, SNMP and Telenet Monitoring (optional)
- Cold Start
- LCD Display
- Hot Stand-by
- In-built System Bypass facility in case of system failure

Technical Specifications*

Description	Single Phase**					3 Phase In - 1 Phase Out				3 Phase In - 3 Phase Out		
	1KVA	2KVA	3KVA	5KVA	7.5KVA	10KVA	7.5KVA	10KVA	15KVA	20KVA	10KVA	15KVA
Output Wave Form	Pure Sine wave											
Nominal Battery Voltage	36V DC 96V DC 180V DC 180V DC 180V DC 192V DC					360V DC						
Output Power Factor	0.8											
No Load Batt. Current	1.1A±0.2A											
Total Harmonic Distortion	< 3%											
No Load O/P Voltage(L-N)	230±1%					230V AC ±1%						
No Load O/P Voltage (L-L)	N/A	N/A	N/A							415±1%		
O/P Frequency	50Hz±0.5Hz											
Full Load O/P Voltage (N-L)	230V AC±1%					230V AC ±1%						
Full Load O/P Voltage (L-L)	N/A					N/A						
Low Battery Cut Off	10.4V±0.2V DC Per Battery (12V DC Battery)											
Low Battery Indication	10.6V±0.2V DC Per Battery (12V DC Battery)											
Mains Mode												
Input Voltage Range (N-L)	140V-280V±5V AC					170V to 270V±5V AC						
Input Voltage Range (L-L)	N/A											
Input Frequency Range	40Hz to 60Hz											
Input Power Factor Lagging	N/A											
Charging Current	5A to 10±1A					1.5A to 8A±1A						
Boost Charging Voltage	13.9V±0.2V DC Per Battery (12V DC Battery)											
Protections												
Protections	Output Not Ok, Battery Voltage Low, Over Load Battery Over Charge, Over Temperature, Short Circuit, Mains MCB Tripped											
Display												
Displays	Welcome Message, Capacity, Output Voltage, Output Frequency, Load Percentage Input Voltage and Frequency, Battery Charging, Battery Voltage, All Protections											
Environmental Parameters												
Operating Temperature	0 Deg – 45 Deg											
Acoustic Noise at 1 Mtr.	< 45 dB											
Relative Humidity	Max 95% non - Condensing											
Thermal Management	Integrated Cooling (Fan & Heat Sink)											
Weight and Dimensions												
With Packaging LXWXH in mm	400x420x135	480x420x135	600x500x730			700x500x780		860x630x950	860x630x950			
Without Packaging LXWXH in mm	350x320x90	400x320x90	400x350x600			550x350x670		700x460x830	700x460x830			
Net Weight	6.5Kg	8.5Kg	51Kg	70Kg	92Kg	107Kg	95Kg	110Kg	152Kg	180Kg	121Kg	165Kg
Gross Weight	7.1Kg	9.1Kg	60Kg	79Kg	104Kg	119Kg	107Kg	122Kg	167Kg	195Kg	141Kg	185Kg

** Both External & Internal Battery Models are Available



For Any Service Support Call
TOLL FREE
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An ISO 9001 : 2000 Certified Co.

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* Conditions apply