Industrial Grade Inverters

Pure Sine Wave

- Fully Automatic Operation
- Designer for continuous operation at full rated load
- Small Foot Print & Compact Size
- Easy Installation Low Maintenance cost
- IGBT based Inverter Technology
- Built - in isolation Transformer
- Electronic overload cum short-circuit protection
- Battery Over charging and battery low protection
- Heavy Duty Rectifier Charger that can be customized

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Tecnical Specifications

Model	6A1-1	8A1-1	10A1-1	15A3-1	20A3-1	25A3-3	30A3-3	40A3-3	50A3-3	60A3-3	75A3-3	100A3-3	125A3-3	150A3-3
Rating	6	8	10	15	20	25	30	40	50	60	75	100	125	150
AC Input	220V+15%-20% Single Phase Input					415V+15%-20% Three Phase Input								
Frequency	50Hz ± 6%													
DC Voltage	180 VDC					240 VDC			360 VDC			408 VDC		
Charger Type	CVCC Internal Control Rectifire Type													
Charger Time	6 to 10 Hours													
Inverter														
Technology	IGBT													
Output Voltage	220/230 V AC SinglePhase					400/450 V AC Three Phase								
Frequency	50 Hz ± 0.1 Hz													
Waveform	PWM Sine Wave													
Harmonic Distortion	Less than 3% on Liner Loan													
Inverter Efficiency	> 90%													
Power Factor	0.8													
Overload	100% continous, 300% for 60 second													
Creast Factor	3:1													
Phase Displacement	120° ± 1°													
Audible Niose	≥ 40db at 1 meter					≥ 60db at 1 meter								
Metering														
Microprocessor Base digital LCD Meter	R, Y, B Output Voltages, Output Currents & Frequency, DC Voltage, Battery and Load %													
Protections														
	Protection Against Output Overload & Short Circuit, Output Under & OverVoltage, DC Under & Overvoltage Input under & Overvoltage , Single Phasing & Phase & unbalance													
Indication & Alarms														
a) Mains On	Indication													
b) Inverter On	Indication													
c) DC Low	Indication & Alarm													
d) Fault	Indication & Alarm													
e) Output Overload	Indication & Alarm													
Bypass														
	Static Bypass (Optional)													
General														
Humidity	Maximum 95% Non - Condensing													
Operting Temperature	0°C to 50° C													
Dimensions (LxWxH) in mm	740 x 280 x 700		1040 x 850 x 9100			1250 x 450 x 1150			1200 x 600 x 1350			1250 x 450 x 1150		

Specification are subject to change without prior notice due to constant improvement in design & tecnology
Tailor made Solutions available on request

Voltage Stablizer | Online UPS | Industrial Inverters | Transformers | Solar Power Packs | Solar PCU | Customised Solutions