

DATA SHEET FOR 2 KVA INVERTER

1. OUTPUT	
Rating	: 2 KVA
Voltage	: 230 Volts, 1Ph, +/- 1%
Crest Factor	: 3:1
Frequency	: 50Hz, +/- 0.1% in free running mode 48 – 52 Hz in sync mode
Wave form	: Pure Sine wave
Harmonic Distortion	: < 3% THD for linear load
Overload Rating	: 110% for 10 minutes
Transient Response	: For 0 to 50% & 50 to 100% load change voltage remains within +/- 5%
Response Time	: Recovery to +/- 1% within 5 msec
2. DC Link	
Nominal DC Bus Voltage	: 220 or 110 VDC nominal
3. EFFICIENCY	: Inverter > 80%
4. PROTECTIONS	: O/P Over voltage / under voltage O/P Over load / O/P Short Circuit DC Under voltage/Over Temperature.
5. AUDIO ALARM	: Battery Low Pre-alarm & System Trip
6. METERING	: LCD Display to read following parameters - O/P Voltage, Current & Frequency
7. MESSAGES ON LCD	: Inverter ON/OFF, Battery Low Trip, Output Fail/Low/High, Overload
8. INDICATIONS	: Battery ON / Low, Inverter ON / Trip
9. SWITCHGEAR	: MCBs provided for Battery & Load
10. ENVIRONMENT	
Operating Temperature	: 0 to 50 Deg C
Humidity	: up to 95% RH (non - condensing)
Cooling	: Forced Air Cooling
Noise	: < 55 dB
11. CABLE ENTRY	: Back side bottom
12. Charger	: Shall be integrated online type