

# 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
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## 3. EFFICIENCY

	:	Inverter > 80%
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## 4. PROTECTIONS

	:	O/P Over voltage / under voltage O/P Over load / O/P Short Circuit DC Under voltage/Over Temperature.
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## 5. AUDIO ALARM

	:	Battery Low Pre-alarm & System Trip
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## 6. METERING

	:	LCD Display to read following parameters - O/P Voltage, Current & Frequency
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## 7. MESSAGES ON LCD

	:	Inverter ON/OFF, Battery Low Trip, Output Fail/Low/High, Overload
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## 8. INDICATIONS

	:	Battery ON / Low, Inverter ON / Trip
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## 9. SWITCHGEAR

	:	MCBs provided for Battery & Load
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## 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
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## 12. Charger

	:	Shall be integrated online type
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