



## SUFI SOLAR MPPT INVERTER

### TECHNICAL SPECIFICATIONS:

VA Rating	: 750VA / 1KVA / 1.4KVA
Input AVR range	: 100V to 275V (Non computer model) 170V to 255V (Computer compatible model)
Input DC	: 12V (750VA), 24V (1000VA), 24V (1400VA)
Input frequency range	: 40 to 60 Hz.
Inverter output frequency	: 49 to 51 Hz.
Output wave form	: Pure Sine Wave with less than 3% THD.
Output voltage in inverter	: 210V / 220V Programmable +_ 5%.
Output voltage in Mains	: Same as Input Voltage.
Bat Charging Current	: 3A to 12A Programmable in steps of 1A.
Inverter efficiency	: >85%
Power factor	: 0.8
Typical transfer time	: Less Than 15ms in computer compatible mode.
PV array open circuit voltage	: Three times of battery voltage



## **FEATURES**

LCD Display

Solar Cell Charging Support.

No Load Sleep

Computer Compatibility.

## **PROTECTIONS**

Self Diagnostic Support on Start Up.

BAT over Charge, Under Charge, and Battery wire removal.

O/P Short Circuit / Over Load

Phase Reversal.

Mains High Voltage/Low Voltage Cut OFF.

Temperature Sensing for MOSFET Protection.

