



## **TECHNICAL SPECIFICATIONS FOR SOLAR INVERTERS AND HOME**

### **UPS**

#### **Input (Solar) :**

Solar PV Panels	:	75 wp
800VA/1500VA/3000VA	:	2 Nos /4Nos/8Nos
Zero Drop Solar chargers/MMPT	:	10A, 30A, 60A available at 12V 24V and 48V

#### **Input (Mains) :**

Voltage	:	120 v to 275 v AC
Frequency	:	47H z to 53Hz
Phase	:	Single Phase With Ground
Protection	:	EMI Filter Move & Fuse

#### **Output :**

UPS voltage	:	220v AC±1%
Frequency	:	50 Hz 0.5Hz
Waveform	:	Pure sine wave
Power	:	800VA/640W/1500VA/1200W/3000VA/2400W
Power factor	:	0.8

#### **Battery :**

DC Voltage	:	12V DC /24V DC /48V DC
Type	:	Tabular
Charging Time	:	8 hours

#### **Protection :**

Over load	:	Trip OFF
Short Circuit	:	Trip OFF
Battery low cut	:	Trip OFF
Battery reverse	:	Optional
Low battery warning	:	Continues Buzzer
Input under voltage	:	<195 Change To UPS Mode
Input over voltage	:	>255 Change To UPS Mode
Input under voltage	:	<120 Change To inv Mode
Input over voltage	:	>275 Change To inv Mode

#### **Indication :**

Mains/UPS On	:	Display on LCD
Charger is On (or)Off	:	Display on LCD
Over, Heavy Load & Short Circute	:	Display on LCD
Low Battery Watt War & Cut	:	Display on LCD

#### **Load details :**

800VA	:	#2 + #fans + 2tubes + #1PC + 1 Printer
1500VA	:	#4 + #fans + 4tubes + #2PC + 2 Printer
3000VA	:	#8 + #fans + 8tubes + #3PC + 4 Printer

#### **Transfer Time :**

Line to UPS	:	<4 m sec
UPS to Line	:	<3 m sec