

## Specifications

Rating	5000VA	7500VA	10000VA	15000VA
Technology	16 Bit DSP IGBT / MOSFET	16 Bit DSP IGBT	16 Bit DSP IGBT	16 Bit DSP IGBT
Output Voltage	220V ± 5%	220V ± 5%	220V ± 5%	220V ± 5%
Output Frequency	50Hz ± 0.1Hz	50Hz ± 0.1Hz	50Hz ± 0.1Hz	50Hz ± 0.1Hz
Crest Factor	3:01	3:01	3:01	3:01
Output Power Factor	0.8	0.8	0.8	0.8
Output Wave Form	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Inverter Switching Frequency	20KHz	20KHz	20KHz	20KHz
Harmonic Distortion	<2%	<2%	<2%	<2%
Output Efficiency	90%	90%	90%	90%
<b>Input Parameters</b>				
Input Supply	1 Phase	1 Phase	1 Phase	1 Phase
Input Voltage (Inverter Mode)	120V-290V±5V	120V-290V±5V	120V-290V±5V	120V-290V±5V
Input Voltage (UPS Mode)	180V-265V±5V	180V-265V±5V	180V-265V±5V	180V-265V±5V
Input Frequency	47-53Hz	47-53Hz	47-53Hz	47-53Hz
<b>Overall Parameters</b>				
Change Over Time	08-10msec (Typical)	08-10msec (Typical)	08-10msec (Typical)	08-10msec (Typical)
Change Over Type	Contactors / Static Switch	Contactors / Static Switch	Contactors / Static Switch	Contactors / Static Switch
DC Input Voltage	48 / 96 / 120V DC	120 / 144V DC	180V DC	180V DC
Display Type	LCD	LCD	LCD	LCD
Battery Type	Lead Acid / SMF	Lead Acid / SMF	Lead Acid / SMF	Lead Acid / SMF
Battery Capacity	45AH-200AH	45AH-200AH	45AH-200AH	45AH-200AH
<b>Environmental Parameters</b>				
Operating Temperature	0-45 Deg Celsius			
Acoustic Noise at 1mtr	<45db			
Relative Humidity	Max 95% Non Condensing			
<b>LCD Display Parameters</b>				

Input Mains Voltage
Output Voltage
Output Frequency
Battery Status
Charging Current
Charging Status
Load Status
Over Load Alarm
Over Load Trip
Low Battery Alarm
Low Battery Trip
Short Circuit Trip
Over Temperature Trip
Battery Terminal Open
<b>Settable Parameters</b>
Battery Type
UPS Mode / Inverter Mode

## Applications

In AC's, Refrigerators, fan, bulbs, heaters, motors etc.