

ON LINE UPS TS

PARAMETER	SPECIFICATION
Input Voltage	295 - 465V
Input Frequency	50Hz \pm 6%
DC Bus	120, 180, 192, 240 & 360V DC
Rectifier	Bridge rectifier full wave
Charger	IGBT Power factor charger
Input PF	> 0.97
Charging current	As per battery capacity
Charging voltage	As per battery capacity
Ripple without battery	< 1%
UPS output voltage	230VAC \pm 1% @ Single phase
Regulation	\pm 1%
Frequency	50Hz \pm 0.1
Waveform	True sine wave
Total harmonic distortion	< 2% minimum for linear load, 5% for non linear load
Overload capacity	125% for 10mins, 150% for 1sec
Inverter Type	IGBT based PWM with instantaneous sine wave control
Duty cycle	Continuous
Manual bypass	Provided
Inverter Efficiency	> 93%
Converter Efficiency	> 94%
Converter protection	MCB and HRS Fuse, soft start for 0-60 sec from input power
Inverter protection	MCB and HRS Fuse, high speed pulse by pulse electronic over voltage / under voltage production, over current trip with reset
LCD Display	Output voltage, DC voltage, Load in watt, batter low, Output low / high, overload



DEVICES USED

INVERTER: IGBT control PWM technology with pure sine wave output

RECTIFIER: Full wave rectifier by using IGBT charge power factor correction

FILTER: DC power capacitors with choke input filter

Remarks: * Specification are subject to change without notice.

Image shown are just indicative