

TECHNICAL SPECIFICATIONS OF LINE INTERACTIVE UPS

Model	TL500 / TL650 / TL 1K / TL 1.5K / TL 2K/ TL 3K
INPUT	
Input Voltage	Single Phase, 230V AC
Input Volt. Range	160v-280v ac (Wider Range 120V-290V also available)
Input Freq.	50hz +/- 10%
DG set compatibbility	Suitable for both Mains Supply /DG Set Supply
OUTPUT	
Voltage v	Output Window 195V -250V (Automatic AVR function)
Frequency regulation	Synchronised to mains Frequency
Inverter Mode	
Output Volt.	Single Phase, 220V/230V AC
Voltage Regulation	230V \pm 3%
Frequency regulation	50 Hz + 0.5
Waveform	Pure Sine Wave
THD Volt	Less than 5%
Transfer Time	Less than 5 milli Seconds (Typical)
BATTERY	
DC Bus Voltage	12V/24V/48V DC
Re-charge Time	8 hours for 90% charging
PROTECTION	
Overload	110% for 2min,
Short circuit	Electronics protection in Inverter Mode, Fuse /MCB in Mains Mode
Battery Low	Protection Available
visual indicators /alarms	
Indication (LED	Mains ON , Battery Mode , Battery Low
	Overload , Battery Charging , Battery Level
Alarm	Battery Low, Overload, Mians Fail, Fault
GENERAL	
Audible Noise	Less Than 45dB
Operating Temp Ranfe	0 degree C- 45degree C
Relative Humidity	0-95% NON- CONDENSING
Cold Start	Available
Communication Port with Siftware Interface	
Communication Interface	R232/DB9 provided- Optional

* Products upgrading is a continuous process, hence data in this Product Catalogue is subject to change without prior notice.

* These specifications are for a Standard Product. Customized specifications can be offered against specific requirements.