

Technical Specifications

Ratings		2000VA	2500VA	3500VA	4000VA	5000VA	
Regulated UPS mode							
Input	Rated voltage	220V AC					
	Undervoltage	180±5V					
	Undervoltage Restoration	185±5V					
	Overvoltage	260±5V					
	Overvoltage Restoration	255±5V					
	Unregulated UPS mode						
	Undervoltage	100±10V				140±5V	
	Undervoltage Restoration	115±10V				150±5V	
	Overvoltage	285±10V					
	Overvoltage Restoration	270±10V					
Output	Maximum Power	2000VA	2500VA	3500VA	4000VA	5000VA	
	Rated voltage (UPS Mode)	220V AC					
	Voltage (Mains Mode)	SAME AS INPUT					
	Frequency (UPS Mode)	50±0.5Hz					
	Frequency (Mains Mode)	SAME AS INPUT (45-55 Hz)					
	Overload	> 110%					
	Transfer Time(typical a.s.)	20 ms.					
Battery	Capacity*	120Ah-240Ah LEAD ACID TYPE/TUBULAR					
	Number	2	3/4	4	6		
	Typical Recharge Time	10-12 Hrs.					
	Battery Boost Voltage	14.2V - 14.6V (±0.2V)					
	Protection	LOW BATTERY, REVERSE POLARITY					
*TDR	TDR Delay	NA	NA	NA	4Min approx	4Min approx	
Physical	Net weight (Kg.)	22.25	23.00	31.90		44.50	
	Dimension (LxWxH)(mm)	280x305x280		280x305x380		280x365x380	
Digital Displays	UPS On	On					
	Battery Low	Lo					
	Mains On	AC					
	Smart Charge	CH					
	Battery Charged	99%					
	Overload	OL (Steady)					
	No Load	nL					
	Overtemperature	th					
	Short circuit under battery mode	OL (Blinking)					
	MCB Trip or Short Circuit under Mains mode	bt					
Alarms	Low Battery Pre-alarm	ONE BEEP EVERY 10 SECONDS					
	Low Battery	CONTINUOUS BEEP FOR 10 SEC.					
	Overload	CONTINUOUS BEEP FOR 10 SEC.					
	No Load Shutdown	CONTINUOUS BEEP FOR 10 SEC.					
Environmental	Operating Temperature	0-45°C (32-113°F)					
	Storage Temperature	0-45°C (32-113°F)					
	Humidity	0-95% RH non-condensing					

Due to continuous product improvement, the specifications are subject to change without notice.

* TDR ON Time ~4Min. and it can add additional 4 Min delay in AC startup during power failure.

* Recommended AC rating upto: 1.5 Ton, 3Star rated.

***AC (Air Conditioner) Operating Mode :**

Unit works fine in Eco/UPS Mode for Inverter AC or Normal AC with stabilizer.

For Normal AC without stabilizer unit to be used in UPS Mode only.

*Active Power is defined in Mains Mode for Linear Load.