

## PRODUCT SPECIFICATIONS

MODEL NAME	875VA	1075VA	1250VA	2050VA
Mains AC low cut UPS mode	175VAC ± 10VAC			
Mains AC low cut recovery UPS mode	185VAC ± 10VAC			
Mains AC high cut UPS mode	265VAC ± 10VAC			
Mains AC high cut recovery UPS mode	255VAC ± 10VAC			
Mains AC low cut WUPS mode	90VAC ± 10VAC			
Mains AC low cut recovery WUPS mode	110VAC ± 10VAC			
Mains AC high cut WUPS mode	295VAC ± 10VAC			
Mains AC high cut recovery WUPS mode	285VAC ± 10VAC			
Input Frequency Range	40Hz to 60Hz			
Voltage Output in Mains Mode	Same as input			
Frequency Output in Mains Mode	Same as input			
<b>BATTERY</b>				
Battery Type	LA / Tubular / SMF			
DC input voltage	12V			24V
Battery Quantity 12V 100Ah to 220Ah	1			2
Bulk absorption Voltage	14.8V			29.6V±0.2V
Float charging voltage	13.7V±0.2V			27.4V±0.2V
Boost charging voltage for LA Battery	14.0V±0.2V			28.0V±0.2V
Boost charging voltage for Tubular and SMF Battery	14.5V±0.2V			29.0V±0.2V
Battery deep Discharge Recovery	Yes (Independent Charger to Recover Deep Discharge Battery)			
Charging Current 100Ah-135Ah Setting (Input range 135VAC to 295VAC)	12A ± 2A			
Charging Current 150Ah-220Ah Setting (Input range 135VAC to 295VAC)	15A ± 2A			
<b>BACKUP MODE</b>				
Output voltage	220VAC±10%			
Output frequency	50Hz ± 0.2 Hz			
Output waveform	Pure Sine Wave ≤ 5% THD			
No Load current	<1.8A			
Discharging current @ full load	40A ± 2A	52A ± 2A	60A ± 2A	60A ± 2A
Low Battery Warning	10.6V±0.2V		10.8V±0.2V	21.6V±0.2V
Low Battery Cut	10.4V±0.2V			20.8V±0.2V
Change over time UPS mode	< 10msec			
Change over time WUPS mode	< 25msec			
<b>PROTECTIONS</b>				
Overload in backup mode	Yes provided, system will give indication at 101% load			
Short Circuit in Backup Mode	System will shutdown after 3 - retries in case of output short circuit			
Short Circuit in Mains Mode	Mains Fuse will blown			
Back feed	System will shutdown in case of back feed and there is no retry			
Over temperature	Yes provided, if heat sink temperature goes above 100°C System will shut down			
Reverse Battery	DC fuse will blown			
<b>ALARMS</b>				
Buzzer	Audible beep for Overload, Short Circuit, Back feed, Low Battery, OverTemperature, Mains Fuse blown / MCB Trip			
<b>ENVIRONMENT</b>				
Operating Temperature	0°C to 50°C			
Storage Temperature	0°C to 50°C			
Operating Relative Humidity	90% Non-Condensing			
<b>WEIGHT AND DIMENSIONS</b>				
Dimensions in mm (LxWxH)	301×297×160	355×355×195		403×392×227
Weight (Kg)	7.7	8.8	9.8	16