

PRODUCT SPECIFICATIONS																			
MODEL NAME	700VA	900VA	1100VA	1500VA	1700VA	2000VA	2000VA	2500VA	3500VA	5000VA	5000VA	6000VA	7500VA	10000VA					
MAINS MODE																			
Mains AC low-high cut UPS mode	175VAC - 265VAC ± 10V																		
Mains AC low-high recovery cut UPS mode	185VAC - 255VAC ± 10VAC																		
Mains AC low-high cut WUPS mode	90VAC - 295VAC ± 10VAC																		
Mains AC low-high recovery cut WUPS mode	110VAC - 285VAC ± 10VAC																		
Input Frequency Range	50Hz +/-5%																		
Battery	Yes (Independent Charger to Recover Deep Discharged Battery)																		
DC Input Voltage	12V				24V			36V	48V	96V	72V	96V	120V						
Battery deep Discharge Recovery	Yes (Independent Charger to Recover Deep Discharged Battery)																		
Charging Current 100Ah-135Ah Setting (I/P range 135VAC to 295VAC)	6.5A ±1A (50-80Ah Battery)		12A/15A ± 2A																
Charging Current 150Ah-220Ah Setting (I/P range 135VAC to 295VAC)	10A ± 1A (100-135Ah Battery)		15A/20A ± 2A																
Backup Mode																			
Output voltage / Frequency	220VAC ± 5% 10% (until battery low alarm)																		
Output Frequency	50Hz ± 5% Hz																		
Output waveform	Pure Sine Wave < 5% THD																		
Low Battery Warning	10.8V±0.2V	21.6V±0.2V	32.4V±0.2V	43.2V±0.4V	86.4V±0.4V	64.8V±0.4V	86.4V±0.4V					108V±0.4V							
Low Battery Cut	10.8V±0.2V	21.6V±0.2V	32.4V±0.2V	43.2V±0.4V	86.4V±0.4V	64.8V±0.4V	86.4V±0.4V					108V±0.4V							
Change over time UPS mode	< 10 msec								< 4 msec										
Change over time WUPS mode	< 25 msec																		
Protections																			
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 outputs/ort cir																		
Short Circuit in Mains Mode	Mains Fuse will blown								Mains MCB will trip										
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								Battery MCB will trip										
Display and Alarms																			
LED Status Display	Mains ON, Input Voltage, Input Frequency, Battery Voltage, Battery Charging, Battery Charged, Charging Current, Backup Mode, UPS ON, UPS OFF, Battery Voltage, Load %, Output Voltage, Output Frequency, Mains Low Cut, Mains High Cut, Mains Not Available, Mains Frequency Cut																		
Buzzer	Audible beep for Overload, Short Circuit, Back feed, Low Battery, Over Temperature, Mains Fuse blown / MCB Trip																		
Weight and Dimensions																			
Dimensions in mm	301x297x160			270x190x125				340x230x260			350x230x310			530x360x585			550x410x650		
Weight	6.5kg	8kg	8.5kg	9.35kg	9.5kg	13.5kg	15.9kg	18.5kg	21.4kg	23.5kg	25.2kg	26.3kg	43kg	51kg	73kg	78kg			

LOAD CHART*

PRODUCTS	700VA		900VA		1100VA		1500VA		1700VA		2KVA		2.5KVA		3.5KVA		5KVA		6KVA		7.5KVA		10KVA	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
21" TV/29" TV*	-	1	-	1	-	1	2	1	2	1	2	1	1	1	2	-	4	2	2	1	4	3	2	2
Fan	2	3	4	4	3	5	3	3	5	3	8	10	5	4	4	4	15	10	10	6	15	5	20	4
Tube Light	2	2	3	4	4	3	5	3	5	3	8	10	4	6	4	8	15	10	10	5	15	10	20	15
11W CFL	3	2	3	6	5	5	6	4	6	4	10	16	10	8	4	4	15	20	20	10	15	10	20	15
0.8 Ton AC	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Computer	1	-	1	-	1	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-
Air Cooler	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	1	-	2	2	4	4
Refrigerator 360ltr	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-
1 Ton AC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	-	-	-	-	-
1.5 Ton AC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2