



TECHNICAL SPECIFICATION

	RATING	2KVA/24V	2.5KVA/36&48V	3.5KVA/48V		RATING	5KVA/96V	6KVA/120V	7.5KVA/120V	10KVA/180V		
INPUT	Regulated UPS Mode				INPUT	Regulated UPS Mode						
	Undervoltage		175-185V			Undervoltage			175-185V			
	Undervoltage Restoration		180-190V			Undervoltage Restoration			180-190V			
	Overvoltage		255-265V			Overvoltage			255-265V			
	Overvoltage Restoration		250-260V			Overvoltage Restoration			250-260V			
	Unregulated UPS Mode					Unregulated UPS mode						
	Undervoltage		90-110V			Undervoltage			135-145V			
	Undervoltage Restoration		105-125V			Undervoltage Restoration			145-155V			
	Overvoltage		275-295V			Overvoltage			275-285V			
	Overvoltage Restoration		260-280V			Overvoltage Restoration			265-275V			
OUTPUT	Maximum Power	2000VA	2500VA	3500VA	OUTPUT	Maximum Power	5000VA	6000VA	7500VA	10000VA		
	Voltage (UPS Mode)	230 V Nominal				Voltage (UPS Mode)	230 V Nominal					
	Voltage (Mains Mode)	Same as mains input				Voltage (Mains Mode)	Same as mains input					
	Frequency (UPS Mode)	50±2% Hz				Frequency (UPS Mode)	50±1% Hz					
	Frequency (Mains Mode)	Same as Input (45-55 Hz.)				Frequency (Mains Mode)	Same as Input (45-55 Hz.)					
	Overload	> 110 %				Overload	> 110 %					
	Transfer Time (typical a.s.)	10mSec				Actual Wattage	3400W ± 50W	4300W ± 50W	5100W ± 100W	6800W ± 100W		
	Actual Wattage	1360W ± 40W	1675W ± 50W	2350W ± 50W		Type	120-150Ah Lead Acid					
	Type (Lead Acid)	120-240Ah Lead Acid				Number	8	10	15			
	BATTERY	Number	2	3/4		4	BATTERY	Typical Recharge Time	10-12 Hrs.			
Typical Recharge Time		10-12 Hrs.				Protection		Low Battery, Reverse Polarity				
Protection		Low Battery, Reverse Polarity				Charging Current (L, M, H)		04A±1A	08A±1A	12A±1A		
Charging Current (L, M, H)		13A±1A	17A±1A	21A±1A	Input undervoltage	MAINS LO						
UPS ON		On				Input over voltage		MAINS HI				
DISPLAY	Battery Low	Lo				LCD DISPLAY	Low Battery Pre-Alarm	CAUTION LOW BATTERY				
	Mains On	AC					Overload	TRIP OVERLOAD				
	e-Charge	CH					Battery Low	TRIP BATTERY LOW				
	Battery Charged	99%					Short Circuit under UPS Mode	SHORT CIRCUIT				
	Overload	OL (Steady)					Short Circuit under Mains Mode	INPUT MCB TRIP				
	No Load	nL					Overtemperature	THERMAL SHUTDOWN				
	Overtemperature	th					Input MCB Trip	INPUT MCB TRIP				
	Short Circuit under Battery Mode	OL (Blinking)					UPS On	5 Beep every two seconds				
	MCB TRIP or Short Circuit under Mains Mode	bt					Low Battery Pre-Alarm	Beep Every 10 Seconds				
	ALARMS	UPS On	5 Beep every two seconds				ALARMS	Low Battery	Continuous Beep for 10 Seconds			
Low Battery Pre-Alarm		Beep Every 10 Seconds				Overload		Continuous Beep for 10 Seconds				
Low Battery		Continuous Beep for 10 Seconds				Over temperature		5 Beep every two seconds				
Overload		Continuous Beep for 10 Seconds				Short Circuit		Continuous Beep for 10 Seconds				
No Load Shut Down		Continuous Beep for 10 Seconds				Operating Temperature		0-40°C (32-104°F)				
ENVIROMENTAL	Short Circuit	Continuous Beep for 10 Seconds				ENVIROMENTAL	Storage Temperature	0-40°C (32-104°F)				
	Operating Temperature	0-40°C (32-104°F)					Humidity	0-95% RH non-condensing				
	Storage Temperature	0-40°C (32-104°F)										
	Humidity	0-95 % RH non -condensing										

Due to continuous product improvements, specs are subject to change without notice.