

TECHNICAL SPECIFICATION		
		REV:00
Model : Eco Volt 1400VA		
Models		1400VA
Input	UPS mode	
	Rated voltage	220V AC
	Undervoltage Cut Off	180±5V
	Undervoltage Restoration	190±5V
	Overvoltage Cut Off	265±5V
	Overvoltage Restoration	255±5V
	ECO mode	
	Undervoltage Cut Off	85±10V
	Undervoltage Restoration	95±10V
	Overvoltage Cut Off	290±10V
	Overvoltage Restoration	280±10V
Output	Rated voltage (UPS Mode)	(200 - 220)V AC ± 10%
	Voltage (Mains Mode)	Same as input
	Frequency (UPS / ECO Mode)	50 ± 0.5Hz
	Frequency (Mains Mode)	Same as input (45-55 Hz)
	Overload	> 105%
	Transfer Time(UPS Mode)	< 20 ms.
Battery	Type/Voltage	80Ah-200Ah - Tubular, Flat, SMF or Local Battery / 12V
	Number	1
	Typical Recharge Time	10-12 Hrs.
	Protection	Low Battery, Reverse Polarity
Physical	Net weight (Kg.)	13.5
	Gross weight (Kg.)	14.6
	Dimension (LxWxH) mm	305X275X130
LED Displays	Power Switch OFF Indication	"Stand By" Indication LED Steady
	Power Switch ON (ECO/UPS Mode)	"STAND BY" Indication LED OFF + UPS / ECO Indication (As per mode selection)
	Low Battery Pre-Alarm	LOW BATTERY LED will blink along with indication LED for UPS/ECO Mode depending upon mode of selection
	Low Battery (B/L)	LOW BATTERY + UPS / ECO (As per mode selection) Indication Steady
	ON Mains	ON MAINS + UPS / ECO (As per mode selection) Indication Steady
	Charging ON (CHG.)	ON MAINS + CHARGING + UPS / ECO (As per mode selection) Indication
	Overload (O/L)	OVERLOAD + UPS / ECO (As per mode selection) Indication Steady
	DC Over Voltage	(MAINS+CHG.) LEDs will blink along with indication LED for UPS/ECO Mode depending upon mode of selection
	Over Temperature	(O/L+B/L) will glow steadily along with indication LED for UPS/ECO Mode depending upon mode of selection
	No Load Shutdown	Only ECO indication LED will blink
Alarms	UPS ON	Beeps for 5 times
	Low Battery Pre-alarm	Beeps for 10 times
	Low Battery	Continuous beep (5 Seconds)
	Overload & Short circuit	Continuous beep (5 Seconds)
	Overload Pre-alarm	Beeps for 5 times
	UPS to Mains change over	Beep
	Mains to UPS change over	Beeps for 5 times
	Over temperature	Continuous beep (5 Seconds) for 5 times
Enviro-mental	Operating Temperature	0-45°C (32-113°F)
	Storage Temperature	0-45°C (32-113°F)
	Humidity	0-95% RH non-condensing