

LUMINOUS

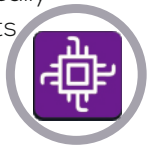
THE NEXT GENERATION BENEFITS

Icon Series is an Unprecedented, Revolutionary Inverter Series that promises to be an Iconic jewel in the Inverter Battery Market. A pure Sine Wave Inverter Series which features an Integrated Inverter Battery Design and an elegant Pearl White coloured dedicated battery enclosure that adds a premium Ultra Modern Look to your living room space. The Inverter Series is Ergonomically designed, making the water filling process in the battery convenient and hassle free. It supports faster low voltage battery charging starting from 90V. Icon inverter Series has no open wires as battery is encapsulated in the inverter making it completely Safe for Children.



KEY FEATURES

- Pure Sine wave Inverter.
- Hassel free battery water top up.
- Fast Charge Technology- Charges the battery with full current (17A) even at 90V.
- Revolutionary design comprising of dedicated enclosure for battery.
- Safe design as it has no open wire.
- LED Indication: User-friendly Simplified inverter indications with three large twin color LED lights representing Normal (Green) and User attention (Red) conditions.



Advanced Sine Wave
Technology



Super Fast
Battery Charging



Easy Water
Top Up



Supports
Tall Tubular Batteries



No Open Wires
Complete Safe for
Children

Technical Specification

Models		1100	1600
Ratings		900VA	1400VA
Input	UPS mode		
	Rated voltage	230V 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	Voltage / Type	12V / 150Ah-220Ah (Tall Tubular)	12V / 150Ah-250Ah (Tall Tubular)
	Number	1	
	Typical Recharge Time	10-12 Hrs.	
	Protection	Low Battery, Reverse Polarity	
Physical	Net weight (Kg.)	13.0 approx	16.8 approx
	Gross weight (Kg.)	17.0 approx	20.5 approx
	Dimension (LxWxH) mm	765X246x505	
LED Displays	Power Switch ON (ECO/UPS Mode)	System ON LED Steady Green	
	UPS Mode	If System ON LED Blinking Slow { 1 Second ON and 1 Second Off and after that it will constant within 10 Sec.}	
	ECO Mode	IF SYSTEM ON LED BLINKING FAST { 200 MSec. ON and 200 MSec. OFF and after that it will constant within 10 Sec.}	
	Battery Low Pre-Alarm	Charging / Battery Low LED Blinking Red	
	Battery Low (B/L)	Charging / Battery Low LED Steady Red	
	ON Mains	Mains / Fault LED Steady Green	
	Charging ON (CHG.)	Charging / Battery Steady Green	
	Overload (O/L)	System ON / Overload LED Steady Red	
	DC Over Voltage	Mains Charging Blinking Green	
	Over Temperature	Mains LED ON + System / Overload LED Steady	
	No Load Shutdown	System ON LED Green Blinking	
Alarms	UPS ON	Beeps for 2 times	
	Low Battery Pre-alarm	Beeps for every 30 Seconds	
	Low Battery	Continuous beep (5 Seconds)	
	Overload & Short circuit	Continuous beep (5 Seconds)	
	Overload	Retry for 5 times	
	Mains to UPS change over	Beeps for 2 times	
	Over temperature	Continuous beep (5 Seconds) for 5 times	
Enviro- nmental	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.