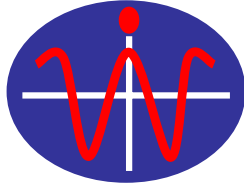


3Wi Technologies

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Model		HOM800	HOM1400
Capacity		800VA	1400VA
Specifications			
Input	Input Voltage	220V	220V
	I/P voltage range	110-280V wide, 170-280V narrow	110-280V wide, 170-280V narrow
	I/P Frequency	50/60Hz auto	50/60Hz auto
	DC input voltage range	9.3 ± 0.2V to 14.2 ± 0.1 V	18.6 ± 0.4V to 28.4 ± 0.2V
	Low battery cutout	9.3 ± 0.2V	18.6 ± 0.4V
	Battery voltage	12V	24V
Output	Voltage	230V +- 5 %	230V +- 5 %
	Frequency	50Hz +- 0.2 Hz	50Hz +- 0.2 Hz
	Efficiency(AC-AC)	>95%	>95%
	Efficiency(DC-AC)	>80-85%	>80-85%
	Output wave form	Square Wave	Pure Sine Wave
Protection		Auto restart on overload.	Auto restart on overload.
		I/P Fuse protection.	I/P Fuse protection.
		Overload, short circuit , reverse phase, Reverse battery point, Auto Holiday, No Load Shutdown	Overload, short circuit, reverse phase, battery point, Auto Holiday, No Load Shutdown
		Over charging and deep discharge protection	Over charging and deep discharge protection
		Smart Charging	Smart Charging



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Transfer time	Mains-to-Inverter	8ms typical	8ms typical
	Inverter -to- Mains	8ms typical	8ms typical
Indicators	Battery voltage, Inverter On, Mains On, Smart Charging, Overload/ Short Circuit Trip, Charge Fuse Blown, Low battery, No Load Shutdown, Battery Charging Status(%), Output Load (%)	LED Glow or Displays on LCD	LED Glow or Displays on LCD
Audible alarm	Low battery	Buzzer every 2 sec	Buzzer every 2 sec
	Overload	Buzz every 0.5 sec	Buzz every 0.5 sec
	Fault	Buzz continuous	Buzz continuous

Other features:

- Microcontroller based Design
- Battery Management Software - Battery Status/ Charging Status.
- Single Layer PCB for easy/ manual assembly.
- Trickle Charge “Zero” after battery Full.
- LCD: 2 Lines of 16 characters each.
- Smart Charging : If battery does not charge to peak voltage, it will wait for 30 minutes and stop charging further.
- Auto Holiday Mode to preserve Battery Charge while away. Auto Holiday means “If No Load Shutdown happens for 3 times in a series at predetermined period of time, it will go into Auto Holiday mode and will switch on again after RESET/ manual ON only.”