



**Total Perfection
is my strength...
it is me**



énergie Pure Sine Wave UPS

TECHNICAL SPECIFICATIONS*

Parameter ↓	Model →	E850	E1050	E1250	E1650	E2500
Parameter		700VA	900VA	1100VA	1500VA	2200VA
I/P Range (Normal Mode)		100V-290V ±10V				
I/P Range (UPS Mode)		180V-265V ±5V				
O/P Voltage Battery Mode		220V ±5%				
O/P Frequency Battery Mode		50Hz ± 0.2Hz				
O/P Waveform Battery Mode		Pure Sine Wave				
Low Battery Alarm		10.8V ±0.2V			21.6V ±0.4V	
Low Battery Shutdown		10.5V ±0.2V			21.0V ±0.4V	
Running Load		46A±2A	60A±2A	73A±2A	50A±2A	73A±2A
DC Voltage		12V			24V	
Overload		48A±2A	62A±2A	75A±2A	52A±2A	75A±2A
Charging Current		10A±1A	10A±1A		10A±1A	
Charging Cut off.		14.4V±13.7V			28.8V±27.4V	
No Load Current		<2.5A				
Efficiency		>85%				
Battery Recommended Capacity		100Ah-250Ah				

LOAD CHART

Application	600VA		700VA		900VA		1100VA		1500VA		2200VA	
	A	B	A	B	A	B	A	B	A	B	A	B
Fan	3	3	4	3	4	1	2	6	3	8	2	12
Tubelight	3	2	3	3	4	1	2	4	3	8	2	10
TV	1	-	1	-	1	1	-	1	2	1	2	1
Computer		1	-	1	1	-	-	1	-	1	-	1
CFL	2	-	2	2	4	2	2	4	1	4	-	4
Monoblock 5hp					-	1	1	-	1	-	-	-
Submersible Pump 1hp					-	-	-	-	-	-	1	-

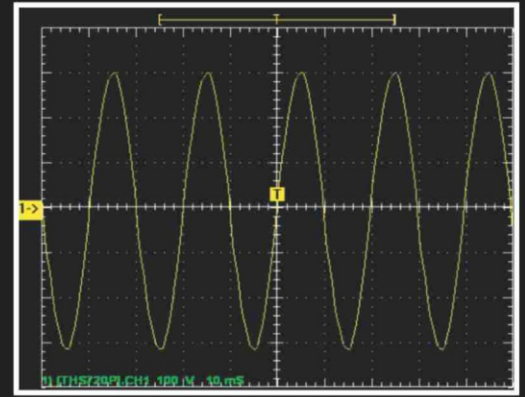
- Note :**
- The above load chart calculations are indicative values only and depends upon manufacturer specification
 - Tubelight-40W, CFL-15W, 19-21" TV, 14" TFT Monitor
 - 48mm ceiling fan (3 blades 1000-1200mm sweep)
 - When PC is running TV is not recommended

* Specifications may change due to continuous R&D

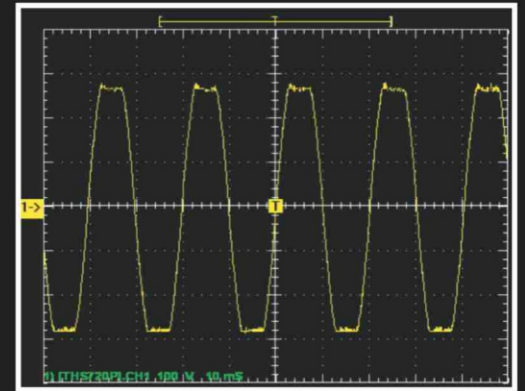
SALIENT FEATURES

- High End DSP/ Micro Controller based Smart Control Design operates on high frequency - it increases the performance and system works smoothly without any irritating noise.
- Pure Sine Wave output even at 10.5V DC that improves the life of appliances connected on the UPS.
- Complete Automatic and High Charging Selection Technology that selects the charging profile according to power cut and battery health conditions
- Fast Charging - charging current highest in industry.
- Charging starts from 100V AC-Best suited for rural applications where input voltage remains low (below 160V AC)
- GPM Technology-Enhance battery life due to GPM Technology
- Smart Overload, Short Circuit & Low Battery Protection with Intelligent Multi Stage Control Programming - Improves the reliability of the product
- Instantaneous Reverse Phase Protection - That increases the reliability of the Inverter.
- Battery Deep Discharge Protection-Protects the battery from deep discharge that increases the life of battery.
- Noiseless Operation on Mains as Well as Backup Mode - No irritating noise during charging as well as battery mode operation.
- Power Saver Inside- Due to use of PFC Technology and better management of charging technology power saved by inverter drastically that reduces the electricity bill significantly.
- It can run ½ HP pump on 900VA and higher models.
- Its High Frequency Technology prevents computer rebooting saving you from the perils of data loss.

OUTPUT WAVEFORM COMPARISON



TP



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