

# énergie Solar Hybrid Sine Wave UPS

## TECHNICAL SPECIFICATIONS\*

Parameter↓ Model→ T P S H S W . P	8501220	10501220	12501220	16502420	25002420
Capacity	700VA	900VA	1100VA	1500VA	2000VA
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				
Solar Charge Controller type	PWM base with zero drop				

## 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
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	-

\* Specifications may change due to continuous R&D