

# Hybrid Kit 1.3KW Specifications

## Solar Panel

Related power	160W	
Maximum/Peak Voltage(Vmp)	17.9V	
Open Circuit Voltage(Voc)	21.6V	
Maximum/Peak Current(Imp)	8.94A	
Short circuit current (Isc)	9.47A	
Output Tolerance	±3%	
Temperate coefficient of Isc	(010+/- 0.01) %/	
Temperate coefficient of Voc	- (0.38 +/-0.01) %/	
Temperate coefficient of power Voc	-0.47%/	
Temperature range	-40to +80	
Frame	Heavy duty aluminum	
Guarantee of power	90% within 10 years 80% within 25 years	
Kind of glass and its thickness	Low Iron, high transparency tempered glass of 3.2mm(0.13")	
Dimension	1452x665x35mm(26.2"x57.3"x1.4")	
Output	Output Volt	110VAC
	Continuous Power	1500W
	<b>Surge Power</b>	3000W
	Waveform	Pure Sine Wave
	Frequency	60Hz
	AC Regulation	Low & High 10%
	Non-load Consumption	<12W
	Efficiency	>90%
Input	USB Output	5V
	DC Voltage	Led Display Power & Fail Status
	Input Range	21-30VDC
Protection	Working Input	24VDC
	Fuse	20A
	Low Battery Alarm	21+0.5V
	Low Battery Alarm Shut Down	20+0.5V
	Over Voltage Shut Down	30.5+0.5V
	Over Load Shut Down	1800W Over 10 Seconds
	Over Heating Shut Down	>75
	Over Thermal	Shut Down The Output
	Working Temperature	Between -10and +50
		Soft Start
Other	Dimension(L*W*H)	390*180*50mm

## **400W Wind Turbine Generator**

Rated Power	400W
Rated Voltage	DC27-54V
Battery Voltage	DC12/24V
Start-up Wind Speed	2.5m/s(8'/s)
Rated Wind Speed	10.5m/S(35'/s)
Number of Blades	3
Material of Wind Leaf	Carbon Fiber Composite
Rotor Diameter	1.2m(4')
Rated Speed	800r/min[RPM]
Tower Diameter	>80 mm(3.2")
Tower Height	4.5m-10m(15-33')
Battery Capacity	200AH-400AH
Packing Dimension	687*365*210mm(27"x14.4"x8.3")
Product Life	15 years
Warranty	1 year
Certification	CE