

## Hybrid Kit 400W Specifications

Fan blade quantity	3
Wind leaf material	Carbon fibre composite
Rotor diameter	1.2M
Tower diameter	Suggest more than 48 mm
Altitude of towe	4.5M-10M
Fan in the weight	8KG
packing specification	687mm/365mm/210mm

### Wind turbine

Rated Power	400W
Nominal Voltage	DC12-24V
Service Voltage	DC12-24V
Cut-in Wind Speed	2.5m/s
Rated wind speed	10.5m/s
Maximum wind speed	35m/s
Rated Rotate Speed	800r/min
battery capacity	200AH-400AH
control system	Automatic fan dedicated controller
Inverter	Pure Sine wave Inverter
Generator style	Permanent-magento-phase A.C

### 100W Polycrystalline Solar Panel

Rated power	100w
Voc	22.41V
Vop	17.9V
Short circuit current (Isc)	6.2A
Working current (Iop)	5.59A
Output Tolerance	±3%
Temperate coefficient of Isc	(010+/- 0.01 )%/ degree
Temperate coefficient of Voc	- (0.38 +/-0.01 )%/ degree
Temperate coefficient of power Voc	-0.47%/degree
Temperature range	-40 degree to +80 degree
Frame	Heavy duty aluminum
Kind of glass and its thickness	Low Iron, high transparency tempered glass of 3.2mm
SLA Battery Voltage	12V