


## SPECIFICATIONS FOR READY TO USE SOLAR POWER COMPLETE SYSTEM

### 1000W OFF GRID SOLAR SYSTEM:


weight of the empty enclosure: 96Kg  
weight of the whole system: 480,8Kg




#### (1) 200W Solar Modules (5pcs)

	Solar module	200W (5pcs)
	Vmp	27,22V
	Imp	7,35A
	Dimension (LxWxH)	1474*995*50mm
	Weight	18Kg ca/each


#### (2) 3000W Sine Wave Solar Inverter

	Input Vdc	19-32Vdc
	Output Vac	100~120 -- 220~240VAC
	Output frequency	50 or 60Hz selectable $\pm 0,05\%$ accuracy
	Output waveform	Modified Sine Wave
	Dimension (LxWxH)	260*250*100mm
	Weight	4,8Kg ca.

#### (3) DC24V 45A Charger Controller

	Features	Reverse polarity protection Short circuit protection and Over current protection Lightning and transient surge protection Fully encapsulated in epoxy potting Prevents reserve current from battery at night
	Dimension (LxWxH)	127*75*260mm
	Weight	2Kg ca.

#### (4) 150AH-10HR 12V Deep Cycles Batteries (6pcs)

	Features	150AH-10HR, Deep cycle, maintenance free
	Dimension (LxWxH)	484*168*241mm
	Weight	48Kg ca/each

**(5) Mounting Racks**



Aluminum  
Alloy

Universal mounting racks for slated roof

Design based on Average Sun hour: 4hr/day

Battery capacity is designed to have 3 cloudy days backup