


SPECIFICATIONS FOR READY TO USE SOLAR POWER COMPLETE SYSTEM

200W OFF GRID SOLAR SYSTEM:


weight of the empty enclosure: 52Kg
weight of the whole system: 127Kg




(1) 200W Solar Modules (1pc)

	Solar module	Multi Crystalline Solar Module 200W
	Vmp	27,22V
	Imp	7,35A
	Dimension (LxWxH)	1474*995*50mm
	Weight	18Kg ca.


(2) 500W 24V Sine Wave Solar Inverter

	Input Vdc	20-30Vdc
	Output Vac	110/115/120/220/230/240
	Output frequency	50 or 60Hz
	Output waveform	Modified Sine Wave
	Dimension (LxWxH)	200*130*60mm
	Weight	1,1Kg ca.

(3) DC24V 15A Charger Controller

	Features	Reserve polarity protection Over-temperature protection Prevents reserve current from battery at night High efficiency Dual-PWM Solar Lighting Controller
	Dimension (LxWxH)	182*82,6*38,3mm
	Weight	0,8Kg ca.

(4) 80AH-10HR 12V Deep Cycles Batteries (2pcs)

	Features	80AH-10HR, Deep cycle, maintenance free
	Dimension (LxWxH)	259*168*216mm
	Weight	27,5Kg 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