


SPECIFICATIONS FOR READY TO USE SOLAR POWER COMPLETE SYSTEM

100W OFF GRID SOLAR SYSTEM:


weight of the empty enclosure: 38Kg
weight of the whole system: 80Kg




(1) 100W Solar Modules (1pc)

	Solar module	Mono Crystalline Solar Module 185W
	Vmp	16,38V
	Imp	5,97A
	Dimension (LxWxH)	1474*660*35mm
	Weight	12Kg ca.


(2) 300W 12V Sine Wave Solar Inverter

	Input Vdc	10-15Vdc
	Output Vac	110/115/120/220/230/240
	Output frequency	50 or 60Hz
	Output waveform	Modified Sine Wave
	Dimension (LxWxH)	150*105*45mm
	Weight	0,8Kg ca.

(3) DC12V 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 (1pc)

	Features	80AH-10HR, Deep cycle, maintenance free
	Dimension (LxWxH)	290*168*216mm
	Weight	27.5Kg ca.

(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