


SPECIFICATIONS FOR READY TO USE SOLAR POWER COMPLETE SYSTEM

320W OFF GRID SOLAR SYSTEM:


weight of the empty enclosure: 60Kg
weight of the whole system: 176,8Kg




(1) 160W Solar Modules (2pcs)

	Solar module	160W x2pcs
	Vmp	23,42V
	Imp	6.83A
	Dimension (LxWxH)	1316*995*50mm
	Weight	17Kg ca/each


(2) 1000W 24V Sine Wave Solar Inverter

	Input Vdc	20-32Vdc
	Output Vac	110/115/120/220/230/240
	Output frequency	50 or 60Hz
	Output waveform	True Sine Wave
	Dimension (LxWxH)	265*150*60mm
	Weight	1,95Kg 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) 120AH-10HR 12V Deep Cycles Batteries (2pcs)

	Features	120AH-10HR, Deep cycle, maintenance free
	Dimension (LxWxH)	410*170*245mm
	Weight	40Kg 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