



MODEL: SKY1-5W

Specifications

No.	Model	Function & Parameter		No.	Model	Function & Parameter		
1	Solar Panel	Pmax	5W, polycrystalline	3	Torch	LED	1	
		Vmp	9.0V			Full battery run time	4 hours	
		Imp	0.556A			Run time per day of solar charging*(hours)	4	
		Voc	10.8V			Total light output (lumens)	30	
		Isc	0.612A			Total ara with illumination>50lux*m ²	0	
		Maximum system voltage	1000V			Total lighting service (lumens-hours/solar-day)	120	
		Size	5W : 180*240*17mm			Battery	Li-Fe Phosphate battery, 3.2V/500mAh	
		Test condition	1000W/m ² , AM1.5, 25°C			Dimension		
			« SkyPower Home » logo			LED	6 chips, 0.2W/chip, 1.2W per bulb	
2	Power bank & FM	Battery	Li-Fe Phosphate battery 3000mAh 1500 charging/discharging cycles >70% capacity	4	LED bulbs	Colar	CCT « Cool » (6500K)	
		Solar DC input	Max input Voltage: 12VDC			Distribution type	Wide	
			Max input current: 1A			5W Solar Home System	2 lamps high	2 lamps low
			Connector: 1 channel, DC-Jack			Full battery run time (hours)	7	18
		DC 20V output	Output Voltage: 20V+/-5%			Solar run time (hours)	6	15
			Limit current: 500mA, total current: 2A			Total light output (lumens)	260	90
			Connector : 4 channels, DC Jack			Total ara with illumination>25lux (m ²)	0.5	/
		USB output	Output voltage: 5V+/-5%			Total lighting service (lumens-hours/solar-day)	750	770
			Limit current: 500mA, total current: 1~1.5A			5-in-1phone charging adapter		
			Connector: 2 USB 2.0			Length	0.5m	
LCD	Indicate radio frequency, and battery power capacity with charging status, « SkyPower Home » logo, speaker volume	Function	Charging only, no data.					
Radio	65MHz to 108MHz	*Solar panels and LES bulbs only work with SkyPower Home Solar Systems						