# Solar Media Home Lighting System

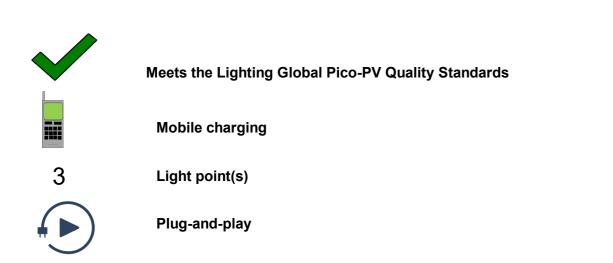
## SR77A

Solar Run Energy Co.,Ltd

### Results based on test procedures detailed in IEC TS 62257-9-5

### Verify online:

*https://data.verasol.org/products/sek/ssr-77a Valid until:* October 31, 2021





### WARRANTY INFORMATION

There is a "2 years warranty". The warranty is void for normal wear and tear, and is void for the defects caused by abnormal use, rough handling and misuseof product. There is a 1 year warranty for the optional home appliances.

#### PERFORMANCE DETAILS Run time after a typical day of solar charging (assuming 5kWh/m<sup>2</sup>/day) Used in Included in VeraSol Certified? Description **Appliance**<sup>a</sup> Used alone<sup>D</sup> Kit? combination<sup>c</sup> 3 light points on (On) totaling 490 lumens Main lighting unit included 5.1 hours 3.3 hours yes and 4.5 W power 7" integrated video display with a power consumption of 1.6 W while in use on the Video Display included 16 hours 1.9 hours yes highest volume Mobile phone Basic phone (3.7 Wh battery) not included 4.8 full charge(s) 1.1 full charge(s) no

Available daily electrical energy <sup>c</sup> (Wh/day)	23
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Performance measure	Brightness setting: On
Lighting full battery run time <sup>d</sup> for main unit (hours)	5.3

l otal lighting service (lumen-hours/solar-day)	1620
(includes the both main lighting unit and any lights with internal batteries included with the product)	1620

<sup>a</sup> Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

<sup>b</sup> Without any other loads used during the run time

<sup>c</sup> Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

<sup>d</sup> Lighting full battery run time estimates do not account for mobile phone charging or other auxiliary loads; the run time is defined as the time until the output is 70% of the initial, stabilized output.

LIGHTING DETAILS									
Lamp name	Number of lamps	Number of settings	Setting	Light output (Im)	Lumen efficacy <sup>e</sup> (Im/W)	CRI <sup>f</sup>	CCT <sup>g</sup>	Distribution type	Lumen maintenance <sup>h</sup>
LED bulb	3	1	On	170	95	74	7200	Wide	100%

<sup>e</sup> Lumen efficacy is the power consumption at a light point during the light output test.

<sup>f</sup>Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

<sup>g</sup> Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)

<sup>h</sup> Percent of the original light output that remains after 2,000 hours of run time

SPECIAL FEATURES							
Data transmit and charging port 🛛 🔶		The control box contains an USB port which allows data transmit and phone charging.					
PORTS							
2 0	SB 2.0 type A		One USB output port for phone charging and one USB output port for data transmit.				
	arrel jack		Three 6 V output ports for LED bulbs.				
DURABILITY							
Overall durability and wo	orkmansnip		Pass				
Durability tests passed			Switch test, Drop test, Strain relief test, Physical ingress protection, PV durability tests				
		Main Unit	Water ingress protection not tested, meant for indoor use only.				
Lough of water protection		PV module	Has protection from permanent outdoor exposure.				
Level of water protection	LED bulb	Water ingress protection not tested, meant for indoor use only.					
			Water ingress protection not tested, meant for indoor use only.				
SOLAR DETAILS							
PV module type			Polycrystalline silicon				
PV maximum power			10 watts				
MAIN UNIT BATTERY	DETAILS		Easily replaces his with common tools				
Battery replaceability			Easily replaceable with common tools.				
Battery chemistry			Lithium iron phosphate				
Battery capacity			5.9 Ah				
Battery nominal voltage			6.4 V				
Battery status indication			One LED for remote control receiver and four LEDs for showing battery statusand working status				
MARKS AND CERTIFIC	CATIONS						
Factory certification			ISO 9001; ISO 45001; ISO14001				
PRODUCT DETAILS							
Manufacturer name			Solar Run Energy Co.,Ltd				
Product name			Solar Media Home Lighting System				
Product model / ID number			SR77A				
Contact information			info@solarunoffgrid.com				
Website			www.solarunoffgrid.com				
Dimensions (entire product in package)			25 x 35 x 9 cm				
Mass			2480 g				
SSS INFORMATION							
Specs sheet expiration date			October 31, 2021				
Quality standards framework version			2021				
Revision			2021.07				