ECOSHINE Solar Home System

SR26A32XG

Brand name: Solar Run

Results based on test procedures detailed in IEC TS 62257-9-5 and IEC TS 62257-9-8

Verify online:

https://data.verasol.org/products/sek/ssr-sr26a
Valid until: April 30, 2027

✓ **Meets the Requirements in IEC TS 62257-9-8:2020 for Size B kits**

Mobile charging

PAYG **Pay-As-You-Go option available**

4 **Light point(s)**

▶ **Plug-and-play**

WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects in the system and a 1-year warranty for the torch.

PERFORMANCE DETAILS

VeraSol Certified?	Included in Kit?	Appliance[a]	Description	Run time after a typical day of solar charging (assuming 5kWh/m²/day)	
				Used alone[b]	Used in combination[c]
yes	included	Main lighting unit	3 light points on high totaling 890 lumens and 5.7 W power	5.9 hours	3.4 hours
yes	included	Torch	59 lumens torch, (LiFePO4 battery: 0.52 Ah, 3.2V)	11 hours	3.4 hours
no	not included	Smart phone	Smart phone (5.7 Wh battery)	4.9 full charge(s)	0.88 full charge(s)
yes	included	Radio	Portable radio (Li-ion battery: 2 Ah, 3.7 V), with a power consumption of 0.33 W while in use	130 hours	2.6 hours

Available daily electrical energy[c] (Wh/day)	28

Performance measure	Brightness setting: 3 lights on high
Lighting full battery run time[d] for main unit (hours)	5.9
Lighting full battery run time of the torch powered by torch battery (hours)	2.5
Total lighting service (lumen-hours / solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	5910

[a] Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

[b] Without any other loads used during the run time

[c] Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

[d] 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 name	Light output (lm)	Power consumption (W)	Lumen efficacy[e] (lm/W)	CRI[f]	CCT[g]	Distribution type	Lumen maintenance[h]
2 W bulb	3	2	high	300	1.9	160	80	6800	Wide	100%
			low	Not tested	0.82	Not tested	Not tested	Not tested	Omnidirectional	Not tested
Torch	1	2	Front light	59	0.41	100	73	7600	Narrow	100%

[e] Lumen efficacy is the power consumption at a light point during the light output test.

[f] Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

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

[h] Percent of the original light output that remains after 2,000 hours of run time.

PORTS

2	USB 2.0 type A		Mobile phones, torches, and radios can be charged. Adapters are included.
4	Barrel jack		6 V ports available to power light points.

DURABILITY

Overall durability and workmanship		Pass
Durability tests passed		Switch test, Drop test, Strain relief test, Physical ingress protection, PV durability tests
Level of water protection	Main Unit	Water ingress protection not tested, meant for indoor use only.
	PV module	Has protection from permanent outdoor exposure
	2 W bulb	Water ingress protection not tested, meant for indoor use only.
	Torch	Has protection from frequent rain; met IPX3

SOLAR DETAILS

PV module type	Monocrystalline silicon
PV maximum power	12 W
PV rated power	12 W
PV open-circuit voltage (V_{OC})	12.5 V

MAIN UNIT BATTERY DETAILS

Battery replaceability	Easily replaceable with common tools; however, the warranty is void if product is opened.
Battery chemistry	Lithium iron phosphate
Battery package type	32700
Battery capacity	6 Ah
Rated Battery capacity	6 Ah
Battery nominal voltage	6.4 V
Battery status / other indicator lights	LCD display with an on-screen indicator for battery life

PRODUCT DETAILS

Company name	Shenzhen Solar Run Energy Co., Ltd.
Brand Name	Solar Run
Product name	ECOSHINE Solar Home System
Product model / ID number	SR26A32XG
Contact information	info@solarunoffgrid.com
Website	www.solarunoffgrid.com
Dimensions (entire product in package)	Multiple packages. Contact manufacturer for more information.
Mass	n/a

SSS INFORMATION

Specs sheet expiration date	April 30, 2027
Revision	2025.04