

# Beebesolar S1 Plus

S1 Plus

BeeBeeJump Technology Co., Ltd

Verify online:

<https://data.verasol.org/products/sek/bbj-s1p>

Valid until: September 30, 2024

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



Meets the requirements in IEC TS 62257-9-8 for Size B Kits



Mobile charging

**PAYG**

Pay-As-You-Go option available

2

Light point(s)



Plug-and-play



## WARRANTY INFORMATION

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

## PERFORMANCE DETAILS

VeraSol Certified?	Included in Kit?	Appliance <sup>a</sup>	Description	Run time after a typical day of solar charging (assuming 5kWh/m <sup>2</sup> /day)	
				Used alone <sup>b</sup>	Used in combination <sup>c</sup>
yes	included	Main lighting unit	Two light points on High totaling 1860 lm and 17 W power	18 hours	8.7 hours
yes	not included	Fan	standing fan (16" diameter, 13 W power)	33 hours	12 hours
no	not included	TV	larger than 16" diagonal (18 W power consumption while in use)	25 hours	4.7 hours
no	not included	Smart phone	Smart phone (5.7 Wh battery)	43 full charge(s)	2.5 full charge(s)
no	not included	Mobile phone	Mobile phone (3.7 Wh battery)	63 full charge(s)	--

Available daily electrical energy<sup>c</sup> (Wh/day)

400

## Performance measure

Brightness setting: high

Lighting full battery run time<sup>d</sup> for main unit (hours)

18

Total lighting service (lumen-hours/solar-day)

(includes the both main lighting unit and any lights with internal batteries included with the product)

33500

<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 (lm)	Lumen efficacy <sup>e</sup> (lm/W)	CRI <sup>f</sup>	CCT <sup>g</sup>	Distribution type	Lumen maintenance <sup>h</sup>
9.5 W Lamp (lamp holder separation)	2	2	High	930	110	84	6200	Wide	99%

<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		
Switch	★ The LED bulb has individual switch.	
PORTS		
2	USB 2.0 type A  Mobile phones can be charged. Adapters not included.	
5	Barrel jack  12V barrel ports are available to power appliances and light points.	
1	Cigarette lighter  12 V Cigarette Lighter port	
DURABILITY		
Overall durability and workmanship	Pass	
Durability tests passed	Switch 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
SOLAR DETAILS		
PV module type	Polycrystalline silicon	
PV maximum power	150 watts	
MAIN UNIT BATTERY DETAILS		
Battery replaceability	Not easily replaceable with common tools.	
Battery chemistry	Lithium iron phosphate	
Specific Li-ion battery chemistry	lithium iron phosphate	
Battery package type	4S1P	
Battery capacity	27 Ah	
Battery nominal voltage	12.8 V	
Battery status/ other indicator lights	one LED indicator for battery state of charge	
PRODUCT DETAILS		
Manufacturer name	BeeBeeJump Technology Co., Ltd	
Product name	Beebeesolar S1 Plus	
Product model / ID number	S1 Plus	
Contact information	zhaolingli@beebeejump.com	
Website	<a href="https://www.beebeejump.ng/">https://www.beebeejump.ng/</a>	
Dimensions (entire product in package)	19.5 x 25 x 24.5 cm	
Mass	6090 g	
SSS INFORMATION		
Specs sheet expiration date	September 30, 2024	
Revision	2024.07	