

Beebeesolar S1 Plus

S1 Plus A20-160

BeeBeeJump Technology Co., Ltd

Verify online:

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

Valid until: June 30, 2026

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

				Run time after a typical day of solar charging (assuming 5kWh/m ² /day)	
VeraSol Certified?	Included in Kit?	Appliance ^a	Description	Used alone ^b	Used in combination ^c
yes	included	Main lighting unit	Two light points on High totaling 1860 lm and 17 W power	15 hours	7.1 hours
yes	not included	Fan	standing fan (16" diameter, 13 W power)	28 hours	10 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 ^c (Wh/day)	400
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Performance measure	Brightness setting: high
Lighting full battery run time ^d for main unit (hours)	15
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	27900

^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	Light output (lm)	Lumen efficacy ^g (lm/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
9.5 W Lamp (lamp holder separation)	2	2	High	930	92	84	6200	Wide	99%

^g 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

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		12V 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			Monocrystalline silicon
PV maximum power			145 watts
MAIN UNIT BATTERY DETAILS			
Battery replaceability			Not easily replaceable with common tools.
Battery chemistry			Lithium iron phosphate
Battery package type			4S1P 13mm x 120 mm x 171 mm
Battery capacity			27 Ah
Rated Battery Capacity			25 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 A20-160
Contact information			anna@beebeejump.com
Website			https://www.beebeejump.ng/
Dimensions (entire product in package)			Multiple packages. Contact manufacturer for more information.
Mass			n/a
SSS INFORMATION			
Specs sheet expiration date			June 30, 2026
Revision			2025.07