

P1L Solar Energy Storage System

P1L

BeeBeeJump Technology Co., Ltd

Results based on test procedures detailed in IEC 62257-9-5 v.4

Verify online:

<https://data.verasol.org/products/sek/bbj-p1l>

Valid until December 31, 2022



Meets the Lighting Global Solar Home System Kit Quality Standards



Mobile charging

PAYG

Pay-As-You-Go option available

3

Light point(s)



Plug-and-play



WARRANTY INFORMATION

2-year warranty for PV, main unit, battery, and LED bulbs.

PERFORMANCE DETAILS

			Run time after a typical day of solar charging (assuming 5kWh/m ² /day)	
			Used alone ^b	Used in combination ^c
	Appliance ^a	Description		
sold separately	Main lighting unit	3 light points on high totaling 390 lumens and 4.2 W power	7.1 hours	6.3 hours
	Mobile phone	Basic phone (3.7 Wh battery)	9.7 full charge(s)	1.8 full charge(s)

Available daily electrical energy^c (Wh/day)

35

Performance measure

Brightness setting: 3 LED bulbs on high

Lighting full battery run time^d for main unit (hours)

7.1

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

2380

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

^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 ^e (lm/W)	CR ^f	CCT ^g	Distribution type	Lumen maintenance ^h
LED bulb	3	2	High	140	100	83	6700	Wide	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

SPECIAL FEATURES**PAYG****Pay-As-You-Go enabled****PORTS**

1

USB 2.0 type A

Mobile phones and other devices can be charged. 5-in-1 adapter is included.

5

Barrel jack

Four 6.4 V ports for light points

DURABILITY

Overall durability and workmanship

Pass

Durability tests passed

Switch test, Strain relief test, physical ingress protection.

Level of water protection

Main Lighting 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

15 watts

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

4 x 26650

Battery capacity

6.8 Ah

Battery nominal voltage

6.4 V

Battery status indication

One screen for battery state of charge, fault warning, credit status, charging status and product information.

PRODUCT DETAILS

Manufacturer name

BeeBeeJump Technology Co., Ltd

Product name

P1L Solar Energy Storage System

Product model / ID number

P1L

Contact information

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Website

www.beebeejump.com

Dimensions (entire product in package)

Multiple packages. Contact manufacturer for more information.

Mass

n/a

SSS INFORMATION

Specs sheet expiration date

December 31, 2022

Quality standards framework version

2019

Revision

2022.06