

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

	Appliance ^a	Description	Run time after a typical day of solar charging (assuming 5kWh/m ² /day)	
			Used alone ^b	Used in combination ^c
sold included separately in kit	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 with torch

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

5.4

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)	CRI ^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	zhaolingli@beebeejump.com	
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	