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: June 30, 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 separately / included in kit — Main lighting unit	Main lighting unit	3 light points on high totaling 390 lumens and 4.5 W power	7.1 hours	6.3 hours
Mobile phone	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) (includes the both main lighting unit and any auxiliary lights included with the product)	2380

[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	130	88	83	6800	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 vieiwing 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 statusand 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)	contact manufacturer for more information
Mass	contact manufacturer for more information

SSS INFORMATION	
Specs sheet expiration date	June 30, 2022
Quality standards framework version	2019
Revision	2021.11