

Powerpack 10

PP10
Jiro-Ve

Verify online:

<https://data.verasol.org/products/sek/jv-pp10>

Valid until: July 31, 2024

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



Meets the requirements in IEC TS 62257-9-8:2020 for Size A Kits



Mobile charging

1

Light point(s)



Plug-and-play

NOTE:

The PV module is outside the scope of the VeraSol program. The PV module and PV charging were not tested.



WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects

PERFORMANCE DETAILS

VeraSol Certified?	Included in Kit?	Appliance ^a	Description	Run time after grid charging	
				Used alone ^b	Used in combination ^c
yes	included	Main lighting unit	1 light point on high totaling 210 lumens and 1.6 W power	4.9 hours	2.7 hours
no	not included	Mobile phone	Basic phone (3.7 Wh battery)	1.5 full charge(s)	0.68 full charge(s)

Available daily electrical energy ^c (Wh/day) After 8 hours of grid charging	7.2
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Performance measure	Brightness setting: high
Lighting full battery run time ^d for main unit (hours)	4.9

^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	1	2	high	210	130	82	6000	Wide	98%

^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

PORTS		
1	USB 2.0 type A	 Mobile phones can be charged.
DURABILITY		
Overall durability and workmanship		Pass
Durability tests passed		Switch test, Drop test (Power bank only), Strain relief test, Physical ingress protection
Level of water protection	Power bank and lamp	Water ingress protection not tested, meant for indoor use only.
SOLAR DETAILS		
PV module type		This product is charged by a PV hub that is outside the scope of the VS program.
MAIN UNIT BATTERY DETAILS		
Battery replaceability		Not easily replaceable with common tools.
Battery chemistry		Lithium-ion
Specific Li-ion battery chemistry		lithium cobalt oxide
Battery package type		18650
Battery capacity		2.5 Ah
Battery nominal voltage		3.6 V
Battery status/ other indicator lights		One LED shows charging status
PRODUCT DETAILS		
Manufacturer name		Jiro-Ve
Product name		Powerpack 10
Product model / ID number		PP10
Contact information		info@jirove.com
Website		www.jirove.com
Dimensions (entire product in package)		Multiple packages. Contact manufacturer for more information.
Mass		380 g
SSS INFORMATION		
Specs sheet expiration date		July 31, 2024
Revision		2022.02