

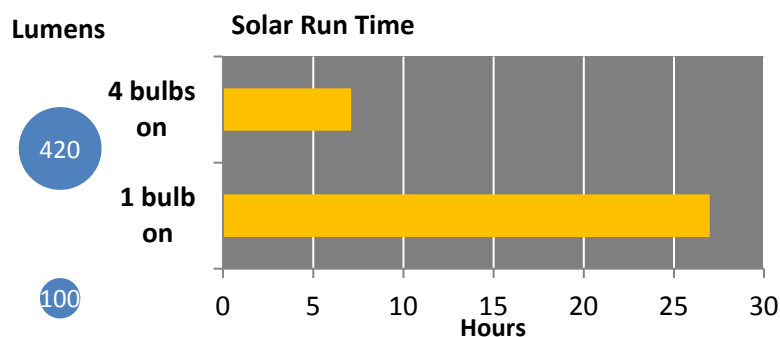
Jugnu Solar 4 Bulbs Home Lighting & Phone Charging System

Third Wave Power

Verify Online: www.lightingglobal.org/products/twp-js4

Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

Valid Until: August 31, 2019



Meets Lighting Global Quality Standards

Mobile Charging

4 Light Points

Warranty Information

A 1-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting**	
	4 bulbs on	1 bulb on
Full battery run time* (hours)	11	42
Run time per day of solar charging* (hours)	7.1	27
Total light output (lumens)	420	100
Total lighting service (lumen-hours / solar-day)	3000	2700

* 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.

** Additional brightness settings (not tested): 3 bulbs on, 2 bulbs on

Lighting Details

Lamp type	LED
Description of light points	6 LEDs in each bulb
Colour characteristics	CRI 76 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	102% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
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Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Water ingress protection not tested; meant for indoor use only.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	7.8 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	4 x 18650 cylindrical cells
Battery capacity	5100 mAh
Battery nominal voltage	7.4 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001:2008
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Product Details

Manufacturer name	Third Wave Power
Product name	Jugnu Solar 4 Bulbs Home Lighting & Phone Charging System
Product model / ID number	TWP-29008
Contact information	saurabh@thirdwavepower.com
Website	www.thirdwavepower.com

SSS Information

Specs sheet expiration date	August 31, 2019
Quality Standards Framework Version	2017
Revision	2017.08