

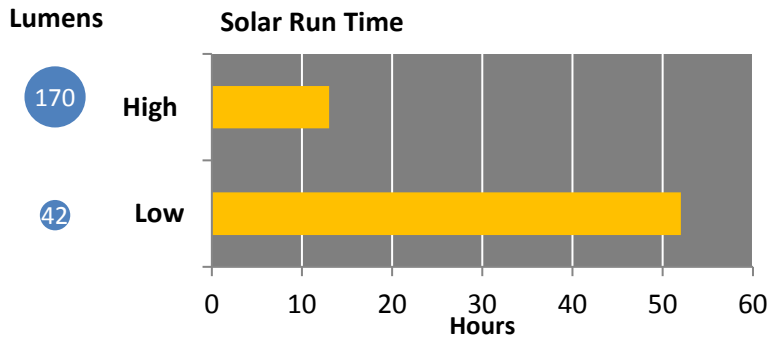
Pico Solar Home System 7500

fosera Group

Verify Online: www.lightingglobal.org/products/fs-pshs7500

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

Valid Until: July 31, 2019



Meets Lighting Global Quality Standards



Mobile Charging



Light Point

Warranty Information

A 3-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting	
	High	Low
Full battery run time* (hours)	17	64
Run time per day of solar charging* (hours)	13	52
Total light output (lumens)	170	42
Total lighting service (lumen-hours / solar-day)	2200	2200

* 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 type	LED
Description of light points	8 LEDs per light point
Colour characteristics	CRI 86 CCT "Cool" (5000K)
Distribution type	Wide
Lumen maintenance	98% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Includes USB port for mobile charging.
Indicators	One indicator displays the battery's state of charge

Durability

Overall durability and workmanship	Pass
Durability tests passed	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	5 watts

Battery Details

Battery replaceability	Easily replaceable with common tools, however warranty is void if product is opened.
Battery chemistry	Lithium iron phosphate
Battery package type	custom
Battery capacity	7800 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Other certification	CE
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Product Details

Manufacturer name	fosera Group
Product name	Pico Solar Home System 7500
Product model / ID number	PSHS 7500
Contact information	info@fosera.com
Website	www.fosera.com

SSS Information

Specs sheet expiration date	July 31, 2019
Quality Standards Framework Version	2017
Revision	2017.07