

Energy Station Plus

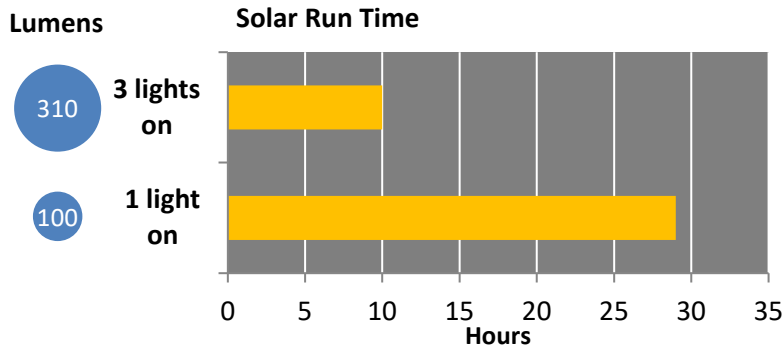
FuturaSun

Verify Online:

www.lightingglobal.org/products/fs-esp

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

3

Light Points

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting**	
	3 lights on	1 light on
Full battery run time* (hours)	11	30
Run time per day of solar charging* (hours)	10	29
Total light output (lumens)	310	100
Total lighting service (lumen-hours / solar-day)	3100	2900

* 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): 2 lights on

Lighting Details

Lamp type	LED
Description of light points	6 LEDs per bulb
Colour characteristics	CRI 77 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	8 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	6 x 18650
Battery capacity	4400 mAh
Battery nominal voltage	6.4 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001:2008
Other Certification	CE

Product Details

Manufacturer name	FuturaSun
Product name	Energy Station Plus
Product model / ID number	--
Contact information	info@futuresun.it
Website	www.futuresun.it
Co-brand of	Energy Station Plus, OffgridSun

SSS Information

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