

Energy Station Basic

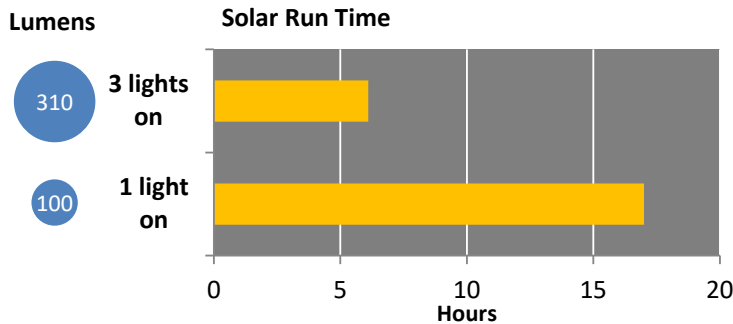
FuturaSun

Verify Online:

www.lightingglobal.org/products/os-esb

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 1-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)	6.1	17
Total light output (lumens)	310	100
Total lighting service (lumen-hours / solar-day)	1900	1700

* 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	4.8 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 Basic
Product model / ID number	--
Contact information	info@futuresun.it
Website	www.futuresun.it
Co-brand of	Energy Station Basic, OffgridSun

SSS Information

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