

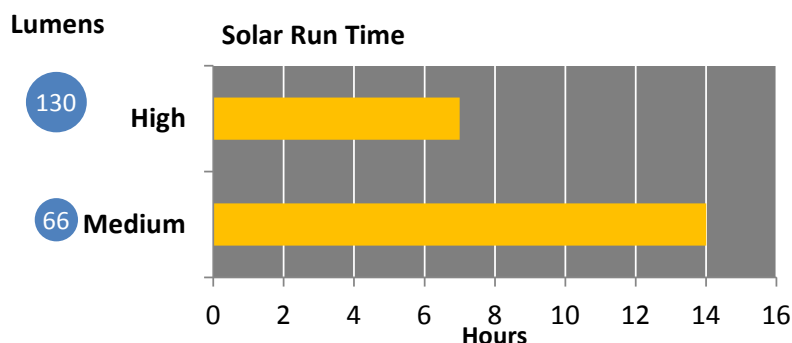
Mobiya TS120S

Schneider Electric

Verify www.lightingglobal.org/products/se-ts120

Results based on test procedures detailed in
IEC 62257-9-5, ed. 2.0

Valid Until: June 2016



**Meets Lighting Global Minimum
Quality Standards**



Mobile Charging

1

Light Point



Warranty Information

A 1-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting***	
	High	Medium
Full battery run time* (hours)	7.4	16
Run time per day of solar charging* (hours)	7.0	14
Total light output (lumens)	130	66
Total area with illumination > 50 lux** (m ²)	0.65	0.32
Total lighting service (lumen-hours / solar-day)	910	920

* 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.

** Total area with illumination > 50 lux is determined by the maximum area with adequate illumination at a 0.75 m distance and at the distance from which the product would normally provide task lighting service.

*** Additional brightness settings (not tested): Low

Lighting Details

Lamp type	LED
Description of light points	6
Colour characteristics	CRI 70 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	97% of the original output remains after 2,000 hours run time

Special Features	
Mobile charging	Adapters included to charge mobile phone from battery
Durability	
Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and protection from occassional rain
Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	2.5 watts
Battery Details	
Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	2 x 18650 cylindrical cells
Battery capacity	1500 mAh
Battery nominal voltage	6.4 V
Appropriate battery protection circuit	Pass
Marks and Certifications	
Factory certification	ISO 9001:2008
Product Details	
Manufacturer name	Schneider Electric
Product name	Mobiya TS120S
Product model / ID number	TS120S
Contact information	Ezhilmaran.ranga@schneider-electric.com Prashanth.nagaraja@schneider-electric.com
Website	www.schneider-electric.com
SSS Information	
Specs sheet expiration date	June 2016
Minimum Quality Standards Framework Version	2014
Revision	2014.07