

# Mobiya TS120S

Schneider Electric

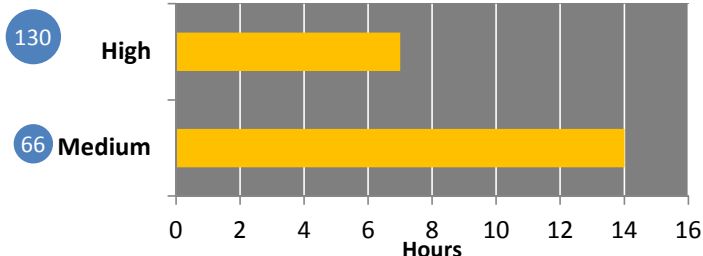
Verify [www.lightingglobal.org/products/se-ts120](http://www.lightingglobal.org/products/se-ts120)

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

Valid Until: June 2016

## Lumens

## Solar Run Time



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 > 25 lux** (m <sup>2</sup> )	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 > 25 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
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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, and protection from occasional 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
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**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
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**SSS Information**

Specs sheet expiration date	June 2016
Minimum Quality Standards Framework Version	2014
Revision	2014.07