

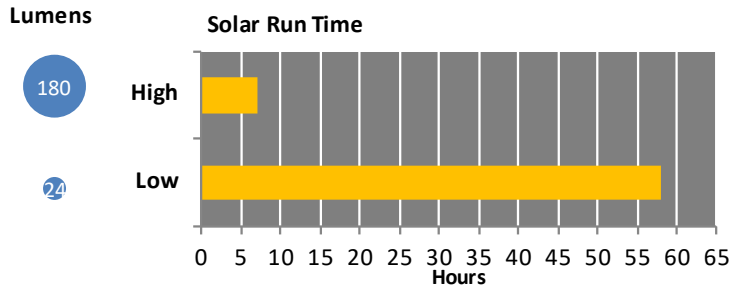
Mobiya TS170S

Schneider Electric

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

Verify www.lightingglobal.org/products/se-ts170

Valid Until: December 31, 2021



Meets Lighting Global Minimum Quality Standards



Mobile Charging

1

Light Point

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure***	Brightness Setting**	
	High	Low
Full battery run time* (hours)	7.6	66
Run time per day of solar charging* (hours)	7.2	58
Total light output (lumens)	180	24
Total lighting service (lumen-hours / solar-day)	1300	1400

*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): Medium

***The measured values exceed the manufacturer ratings.

Lighting Details

Lamp type	LED
Description of light points	Four LEDs with frosted cover
Colour characteristics	CRI 75 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	98% 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
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Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and protection from frequent rain. Met IP67 (Resistant to immersion in water).
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Solar Details

PV module type	Polycrystalline silicon
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PV maximum power point	3.4 watts
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Battery Details

Battery replaceability	Easily replaceable with common tools
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Battery chemistry	Lithium iron phosphate
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Battery package type	2 x 18650 cylindrical cells
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Battery capacity	3000 mAh
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Battery nominal voltage	3.2 V
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Appropriate battery protection circuit	Pass
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Marks and Certifications

Factory certification	ISO9001:2008 / ISO14001:2004 / ISO50001:2011 / OHSAS18001:2007
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Product Details

Manufacturer name	Schneider Electric
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Product name	Mobiya TS170S
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Product model / ID number	AEP-LB01-SU12W
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Contact information	Ezhilmaran.ranga@schneider-electric.com Prashanth.nagaraja@schneider-electric.com
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Website	www.schneider-electric.com
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SSS Information

Specs sheet expiration date	December 31, 2021
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Minimum Quality Standards Framework Version	2018
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Revision	2018.08
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