

# Mobiya TS170L

Schneider Electric

Verify Online: [www.lightingglobal.org/products/se-ts170](http://www.lightingglobal.org/products/se-ts170)

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

Valid Until: December 31, 2021

## Lumens

180

24



**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
Total light output (lumens)	180	24

\*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 value for lumen output exceeds the manufacturer rating.

This product may be charged using a Schneider Electric solar battery charging station or any 12 Volt solar home system

## Lighting Details

Lamp type	LED
Description of Light Points	Four LEDs with a frosted cover
Colour characteristics	CRI 75 CCT "Daylight" (>5000 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
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)

**Battery Details**

Battery replaceability	Easily replaceable with common tools, but attempting replacement will void warranty.
Battery chemistry	Lithium iron phosphate
Battery package type	2 x 18650 cylindrical cells
Battery capacity	3000 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

**Marks and Certifications**

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

Manufacturer name	Schneider Electric
Product name	Mobiya TS170L
Product model / ID number	AEP-LB01-U12W
Contact information	Ezhilmaran.ranga@schneider-electric.com Prashanth.nagaraja@schneider-electric.com
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**SSS Information**

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