

Mobiya Original

AEP-LOR01-1000

Schneider Electric Industries SAS

Results based on test procedures detailed in IEC 62257-9-5 v.4

Verify online:

<https://data.verasol.org/products/sek/se-mob>

Valid until: October 31, 2022



Meets the Lighting Global Pico-PV Quality Standards



Mobile charging

1

Light point(s)



Plug-and-play



WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects

PERFORMANCE DETAILS

Performance measure	Brightness setting: high
Lighting full battery run time ^d for main unit (hours)	7
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	1400

^a Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

^b Without any other loads used during the run time

^c Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

^d Lighting full battery 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.

LIGHTING DETAILS

Lamp name	Number of lamps	Number of settings	Setting	Light output (lm)	Lumen efficacy ^e (lm/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
Main Lighting Unit	1	3	High	200	150	74	5000	Wide	98%

^e Lumen efficacy is the power consumption at a light point during the light output test.

^f Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

^g Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)

^h Percent of the original light output that remains after 2,000 hours of run time

PORTS

1

USB 2.0 type A



Mobile phones can be charged. Adapters are included.

DURABILITY

Overall durability and workmanship	Pass
Durability tests passed	Switch test, Drop test, Strain relief test, Physical ingress protection; met IP6X.
Level of water protection	Main Unit Has protection from permanent outdoor exposure; met IP67 (Resistant to immersion in water)

MAIN UNIT BATTERY DETAILS

Battery replaceability	Easily replaceable with common tools; however, the warranty is void if product is opened.
Battery chemistry	Lithium iron phosphate
Battery package type	2 x 18650 cylindrical cells
Battery capacity	3 Ah
Battery nominal voltage	3.2 V
Battery status indication	Two indicators for PV charging rate and battery state of charge

MARKS AND CERTIFICATIONS

Factory certification	ISO9001:2015; ISO14001:2015; ISO50001:2011; OHSAS18001:2017
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PRODUCT DETAILS

Manufacturer name	Schneider Electric Industries SAS
Product name	Mobiya Original
Product model / ID number	AEP-LOR01-1000
Contact information	sathish.kumar@se.com; prashanth.nagaraja@se.com
Website	www.se.com
Dimensions (entire product in package)	19 x 19 x 18.5 cm
Mass	1130 g

SSS INFORMATION

Specs sheet expiration date	October 31, 2022
Quality standards framework version	2020
Revision	2020.04