

Product datasheet

Specifications



Mobiya Portable, Mobile charging, 170Lumens with 6Hrs backup & water resistant

AEP-LB01-U12W

⚠ Discontinued on: 30 Jun 2023

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Main

Range Of Product	Mobiya
Product Or Component Type	Portable lighting system

Complementary

[Us] Rated Supply Voltage	5...24 V DC, solar panel
Bulb Type	1 LED (1.2 W)
Luminous Flux	170 lm 85 lm 20 lm
Light Source Colour	Warm white LED, colour temperature: 5000 K
Signalling Function	Battery status charging green Battery status full green Battery status low red
Operating Time	6 h at 170 lm 12 h at 85 lm 48 h at 20 lm
Kit Composition	1 solar panel with cable, cable length: 5 m 1 Multi port mobile charging cable
Battery Capacity	3 Ah at 3.2 V, LiFePO4
Integrated Connection Type	DC jack 5 V DC, maximum load current: 400 mA +/- 10 mA USB port
Width	Lamp: 156 mm
Height	Lamp: 142 mm
Net Weight	0.45 kg LED unit

Environment

Ip Degree Of Protection	IP65
Standards	IEC
Product Certifications	SONCAP SABS CE LM-79 LIGHTING GLOBAL
Ambient Air Temperature For Operation	-10...50 °C
Relative Humidity	90 %

Packing Units

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	15.2 cm
Package 1 Width	16 cm
Package 1 Length	16.5 cm
Package 1 Weight	650 g
Unit Type Of Package 2	CAR
Number Of Units In Package 2	8
Package 2 Height	39.4 cm
Package 2 Width	37 cm
Package 2 Length	38 cm
Package 2 Weight	10.9 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	96
Package 3 Height	97 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	95.6 kg

Contractual warranty

Warranty	2 years
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Sustainability


Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

 Mercury Free

Eu Rohs Directive

Under investigation

China Rohs Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information