



Main

Range of product	Mobiya
Product or component type	Portable solar lighting system
Solar panel type	Polycrystalline

Complementary

[Us] rated supply voltage	5...24 V DC, solar panel
Bulb type	1 LED (1.2 W)
Power range	2.5 W
Maximum rated voltage	5 V for DC
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 (AWG 24) 1 Multi port mobile charging cable
Cable cross section	0.20 mm ² - AWG 24
Cable length	5 m 2 core cable for between solar panel and DC input
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 Solar panel: 142 mm
Depth	Solar panel: 16 mm
Height	Lamp: 142 mm Solar panel: 185 mm
Net weight	0.45 kg LED unit 0.57 kg solar panel

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

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 %

Offer Sustainability

EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	2 years
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