

## Pico Lamp

Power LED Lamp



- Rechargeable from 7 V to 25 V solar panel, 12 V car or solar battery, or AC adaptor
- Innovative capacitive switch: no moving parts, no corrosion
- High environmental protection (IP65) against soil and climate influences
- USB output to charge mobile phones, MP3 players, etc.
- High-power LED
- 3 light levels
- Automatic reduction of the lighting level when batteries are running down
- Modularly expandable

The Pico Lamp is a multifunctional stationary or mobile lighting device that is specially designed to meet the needs of rural households and recreational activities. It is equipped with a high-efficiency power LED and excellent charging technology.

The device can easily be installed as a ceiling lamp or is portable to use as a flashlight. The Pico features industry-leading charge capacity which allows the user to have sufficient light for up to 55 hours depending upon the level of light selected. The high-power LED supplies up to 120 lumens of light and has an extremely long lifespan (50,000 h).

Equipped with a USB output, the Pico Lamp also facilitates fast mobile phone or MP3 player charging. A robust sealed housing ensures continued function in dusty or humid environments. The capacitive touch switch has no moving parts and is fully protected against corrosion.

With the Pico Accessory Series, the Pico Lamp can be extended to a modular lighting system. It can be configured precisely according to the needs of the user.

### **Optionally available: Pico Lamp Accessory Series**

- USB mobile phone adaptor for most common brands
- AC charger, 12 V car adaptor
- Remote switch
- USB Extension with 3 m cable
- NiMH 2100 mAh rechargeable batteries
- 3 W and 5 W module
- USB Hub for using remote switch and charging mobile phone at the same time
- Pico System Expander: Allows charging and operation of multiple Pico Lamps in the same system

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Type	Pico
Battery	6 V (4 x AA NiMH, 2100 mAh, low self-discharge)
Full charge/discharge cycle	> 500 cycles
Light intensity	120 lm
Light color	3,950 to 4,300 K
Lighting level (time)	3 settings: Standard: 50 lm (16.5 h); Low: 20 lm (55 h); High: 120 lm (5.5 h)
DC charging input	Solar module UMPP > 7 V, Uoc < 25 V (max. 1.5 A @ 7 V) or battery 12 V (max. charging current 800 mA)
Barrel connector for panel/ DC charging input	Ø: 5.5 x 2.5 mm
Ambient temperature range	-20 to +50 °C
Charging technology	High-efficiency MPPT (Maximum Power Point Tracker)
Charging via a 3 Wp solar panel	3 to 5 hours for a full charge depending on incident solar radiation
AC or 12 V battery charging	Completely charged in 2.5 hours
Mobile phone charging	About 2 hours are needed for full charge of a mobile phone
Special Features	<ul style="list-style-type: none"> <li>• Modularly expandable</li> <li>• Phosphorescent ring for easy location in the dark</li> <li>• External remote on/off switching (option)</li> </ul>
Warranty	2 year warranty on electronics
Fitting	Steel hoop with seven notches for positioning (45° steps)
Weight	570 g
Dimensions	296 x Ø 155 mm
Type of protection	IP 65
<b>USB Charge Data</b>	
Output voltage	4.4 – 5.1 V
Nominal output current	750 mA
Overload and short-circuit protection	Yes
Plug	USB-A