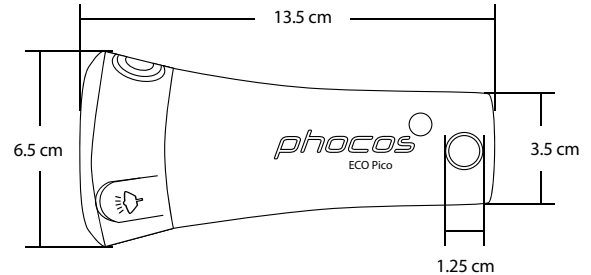




Technical Drawing



Product Introduction

The ECO Pico has the power capacity of a solar home system and the flexibility of a portable LED torch flashlight. It uses highly efficient LiFePO4 batteries and is resistant to capacity losses, allowing the system to provide up to 10 years of maintenance-free operation.

The ECO Pico is extremely efficient, with LED lights supplying up to 135 lm/W. This cost-effective product has a potential lifespan of 50,000+ hours. Additional load outputs offers flexibility to connect different applications, such as a mobile device, a radio or a small additional lamp. This German-engineered, high quality product offers an industry-leading warranty.

Product Features

- Option for 16-200 lumen output
- Compact and portable
- 3 step brightness switch
- Low-battery mode
- Doubles as a ceiling lamp
- Battery state of charge indicator
- Can be charged with a 2.5 Wp solar panel or laptop
- Lasts up to 60 hours on a full day charge (Mode 1)
- IP54

Accessories Included in Kits

- ECO Pico torch flashlight (1 pc)
- Lanyard (1 pc)
- 2.5 Wp solar panel (1 pc)
- USB cable (1 pc)

Technical Data

Type	ECO Pico
System Voltage	3.25 V
Battery Capacity	3.2 Ah
Illuminance (Mode 1)	16 lm
Illuminance (Mode 2)	88 lm
Illuminance (Mode 3)	200 lm
Dimensions	13.5 x 6.5 cm
Operation Runtime (Mode 1)	60 hrs
Operation Runtime (Mode 2)	10 hrs
Operation Runtime (Mode 3)	5 hrs
Deep Discharge Protection	Yes
Overcharge Protection	Yes
Short Circuit Protection	Yes
Overcurrent Protection	Yes
Output Voltage Range	2.8-3.6V, 2.5A max
USB Port Output	5V +/-10%, 500mA
Panel Charge Current	0.58 A
Max Charge Current	2.20 A
Panel Solar Module	2.5 Wp
Panel Voltage	4.5 Vmp, 5.5 Voc
Ambient Temperature	0-50 °C
Max. Altitude	4000 m above sea level
Weight	0.17 kg / 0.38 lb
Pollution degree	4
Ingress Protection	IP54
Certificates	CE compliant, RoHS compliant
Warranty	2 years