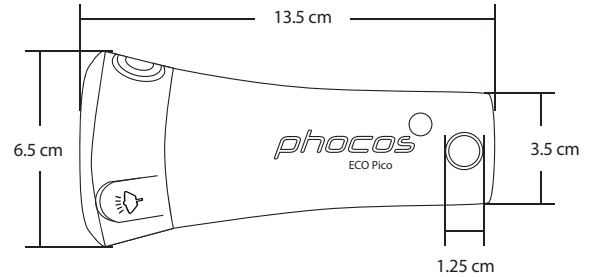




Technical Drawing



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 a highly efficient LiFePO4 battery that is particularly long-lasting, allowing the system to provide up to 10 years of maintenance-free operation.

The ECO Pico is extremely efficient, with an LED light supplying up to 135 lm/W. This product has a potential lifespan of 50,000+ hours. Additional load outputs offer the flexibility to connect loads, such as a mobile device, a radio or a small additional lamp. This German-engineered, high quality product offers many years of trouble-free reliability.

Product Features

- Option for 16-200 lumen output
- Compact and portable
- Deep-discharge, overcharge, short circuit and overcurrent protection
- 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 power supply
- Lasts up to 60 hours on a full day charge (Mode 1)
- USB charging port transforms the ECO Pico into a Powerbank
- IP54 Ingress Protection

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
Max. Charge Current	2.20 A
PV Panel Charge Current	0.58 A
Battery Capacity	3.2 Ah
Illuminance (Mode 1)	16 lm
Illuminance (Mode 2)	88 lm
Illuminance (Mode 3)	200 lm
Operation Runtime (Mode 1)	60 h
Operation Runtime (Mode 2)	10 h
Operation Runtime (Mode 3)	5 h
Output Voltage Range	2.8 - 3.6 V, 2
PV Panel Power	2.5 Wp
PV Panel Voltage	4.5 Vmp, 5.5 Voc
Ambient Temperature	0 to +50 °C
Max. Altitude	4,000 m above sea level
USB Charging Port	5 V +/- 10 %, 500 mA
Dimensions	13.5 x 6.5 cm / 5.3 x 2.6 in
Weight	0.17 kg / 0.38 lb
Pollution degree	4
Ingress Protection	IP54
Certificates	CE compliant, RoHS compliant
Warranty	2 years