

Scandle

Solar Hand and Table Lamp

User Manual



Please read and follow the instructions carefully!

Introduction

Thank you for purchasing the fosera Scandle. This system has been developed according to German engineering standards to meet your daily energy needs. The Scandle uses high quality and long-lasting lithium iron phosphate batteries combined with our intelligent battery charge management for long life span. The solar module is produced for high robustness under various weather conditions. All fosera lamps use high-efficient LEDs for low energy-consumption and long life-span. The easy “Plug & Play” design allows everyone to install a system, no technical skill is required.

If any technical problems appear, please contact your local dealer for technical support or contact our German headquarter.

fosera Scandle can be used in parallel with our fosera PSHS and LSHS systems.

Package Content

1x fosera Solar Module (A)

1x fosera Scandle (B)

1x User manual (D)



(A)



(B)



(C)

Installation



Place the Solar Module (A) in direction to the sun for maximum performance. Avoid any shading of the module! The angle should be at least 15 degrees to ensure that the rain can wash dirt from the module. Make sure that the solar module is securely mounted to withstand heavy winds and storms.

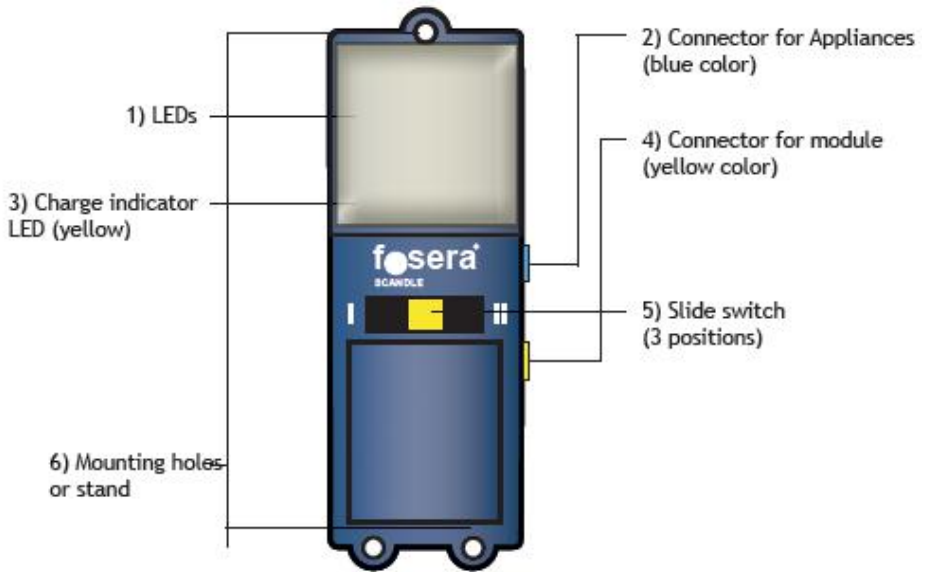


Connect the solar module to the Scandle. Make sure the module is plugged into the appropriate yellow socket.

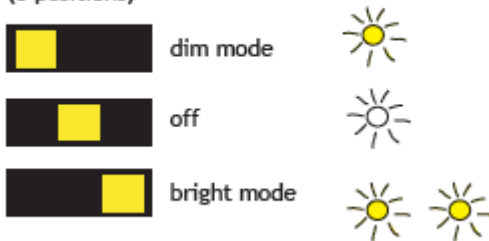
Maintenance

Clean the Solar Module on a regular basis to ensure proper power output. Keep the PSHS and the appliances clean. Make sure that no water harms the battery or the appliances. The battery has to be replaced if necessary. This must be done by an authorized person. Ask your local retailer or contact our German headquarter for support.

Operation



5) Slide switch (3 positions)



Security Advice

- Protect the battery box from rain and direct sunlight. Indoor use only!
- The Solar Module is not fire resistant! Keep away from fire!
- The battery contains a high amount of electrical energy. It is important that any short circuit is prevented.
- Any repair and change of the fosera products must only be carried out by authorized persons. Otherwise is no warranty guaranteed.
- Operating temperature: 0° Celsius to 50° Celsius.
- Don't damage the products. Do not open the products.
- Don't use damaged cables! Repair or replace them!
- Don't use loads and appliances that are not designed and certified for the system. Only use fosera modules to charge the battery. Other modules or chargers are not allowed. Only use the special fosera cable for the parallel connection of systems.



Technical Data

Operation time	fosera Scandle 200
Full battery runtime bright mode	3.5 h
Full battery runtime dimmed mode	50
Daily operation hours ** bright mode	2.5 h
Daily operation hours ** dimmed mode	35 h

System	fosera Scandle 200
System Voltage	3.25 V
System Capacity	1.4 Ah
Module Peak Power	1.3 Wp
Module Current (I_{MPP})	295 mA
Illuminance (bright mode) *	130 lm
Illuminance (dimmed mode) *	8 lm

Recycling Information

Do not throw any of the components or the controller box into the regular trash when discarding. Please recycle to help minimize pollution and to protect the global environment. All of the fosera components used for manufacturing the system are recyclable. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, please visit the following webpage:

http://ec.europa.eu/environment/waste/weee/index_en.htm



Contact

Headquarter

Importer

fosera GmbH & Co. KGaA
Beim Mühlbach 3
89171 Illerkirchberg
Germany

Tel: +49 7346 92469 73
Fax: +49 7346 92469 75

E-Mail: info@fosera.com
Visit our website: www.fosera.com

Warranties

We trust in the quality of our products, if it is used properly and following this instructions in installation, use and maintenance it should give you years of satisfying service.

We guarantee it to be free from defects in material or workmanship for 36 months from date of purchase. On the battery we warrant 24 months.

The warranty becomes invalid if the device is used other than intended by the manufacturer. This warranty does not cover failures caused by wrong installation or set up, unusual use or failure to follow installation and user instructions. The warranty is also void in case of repairs by any unauthorized or untrained person. For further instructions please read the user manual.

fosera has the right to decide whether the product will be repaired or replaced. fosera shall not be responsible for any consequential damage or damage that exceeds the value of the product. A warranty repair does not extend the warranty period.

In case of warranty please use the form below to send the product back or bring it back to the merchant you purchased it from. The purchaser has to arrange transport including the costs to our repair base.

fosera is not liable for any damage incurred in transit.

Warranty Card

Name of customer

Name of the product:

Date/Place of purchase:.....

End of warranty:

Name and

Contact of local retailer:.....

For support please contact your local retailer or importer via service@fosera.com!