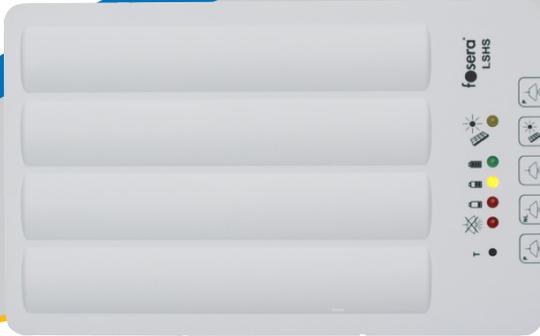


LSHS

12 V solar home system
 Modular and Extendable
 Multiple appliances available
 Battery lifetime of up to 10 years



fosera POWER LINE LSHS

The fosera LSHS is a modular, easy to install 12V solar home system, able to power multiple appliances like a TV, a fan and several lamps.

Easy extension

fosera systems are the first solar home systems that can grow with increasing demand: by just connecting two LSHS with a parallel cable, the system capacity can be extended.

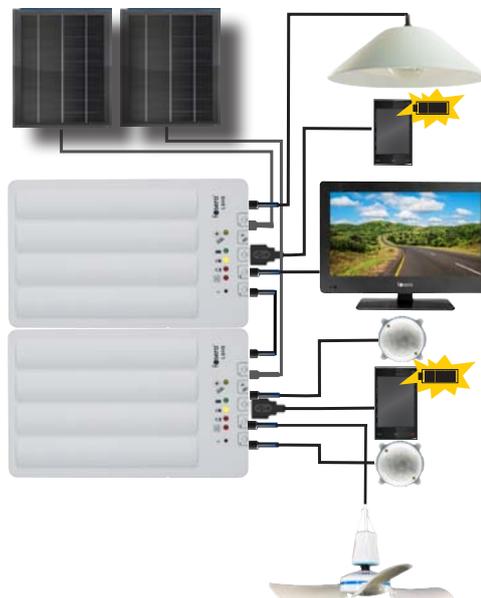


Easy to install

fosera systems allow easiest Plug & Play installation, no technical skills or special training are required. Solar modules, loads or extensions can be connected intuitively.

Multiple applications

fosera LSHS comes with two USB plugs for the universal use of charging devices such as mobile phones or MP3 players. Furthermore, several lamps, a TV, radio and a ceiling fan are available. fosera engineers are constantly expanding the product range.



Engineered in
 Germany

Modern battery technology

fosera LSHS uses high-quality and long-lasting lithium iron phosphate (LiFePO₄) battery technology. Combined with our intelligent battery charge management, the battery can be used for many years and is completely maintenance free.

Compared to other used batteries, the lithium iron phosphate technology is high-efficient and resistant to capacity losses due to chemical reactions and is environmental-friendly.

	LSHS 4200 Advanced Lighting Edition	LSHS 9800 Expert Lighting Edition
Nom. system voltage	13 V	13 V
System capacity	4.5 Ah	10,5 Ah
Module peak power	10 Wp	20Wp
Module current	0.59 A	1.2 A
Module technology	crystalline silicon	
Lamps included	2x Lamp 12V 200 1x fb lamp 12V 100	2*lamp 400 1*lamp 200
Illuminance	2*180 lm 1x 80 lm	2*300 lm 1*180 lm
Cable length panel - battery box	6 m	
Cable length battery box - lamp	6 m, incl. switch	
Max no. of loads	4 + 2 USB	
USB outlet	2*USB 500 mA output	
Operation time		
Daily operation time of system incl. lamps	12 hrs	16 hrs
Accessory		
all models	POWER LINE lamps, TV, radio, ceiling fan	
Weight	0.88 kg	1.67 kg
Dimensions	6.7x26.7x16 cm	6.7x26.7x16 cm