

fosera® mobile ONE

The **fosera**. mobile ONE has the functions of a solar home system and the flexibility of a portable torch. The mobile ONE can be charged using a solar panel or any other USB port, found on the SPARK and IGNITE systems. It can also be used as a portable battery, so you can charge your phone or connect additional lamps.



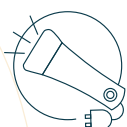
BRIGHT INTEGRATED LIGHT
Ranges from 17 / 70 / 210 lumens for the right light level needed



FLEXIBLE RECHARGING
Charge from a solar panel, USB port of the SPARK or IGNITE and with a USB adapter



PROTECTION FEATURES
Overcharge, overcurrent, deep discharge and short circuit protection for added safety



SLEEK DESIGN
Lightweight for comfortable transportation, ergonomic design for steady handling



fosera® mobile ONE

units

Nominal System Voltage	3.2	V
System capacity	3.8	Ah
Energy capacity	12.16	Wh
Battery type	LiFePO ₄	
Protection features	Overcharge, overcurrent, deep discharge, short circuit	
Charge indicator	Yes	
SOC indicator	6 stages	
Energy saving mode	Yes	
Appliance outlets	1x 2.7A regular	
USB outputs	1x 0.75A USB	
Solar input	1x Solar input max. 2.2A	
Weight	173	g
Dimensions	135 x 60 x 60	mm

RECOMMENDED SOLAR PANEL

Module peak power	2.5	Wp
Module current (Impp)	0.58	A
Module technology	Polycrystalline silicon	
Cable length panel to box	6	m
Module dimensions	150 x 192 x 17	mm
Module weight	450	g

INTEGRATED LIGHT

Brightness (Mode 1/2/3)	17 / 70 / 210	lm
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OPERATION TIME

Full battery runtime* <i>Integrated light 100%</i>	5:30 hrs	
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*additional phone charging will reduce the runtime

