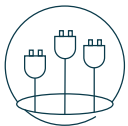


fosera® Torches

The **fosera**. Torches have the functions of a solar home system and the flexibility of a portable torch. The Torches can be charged using a solar panel or any other USB port, found on the PSHS, IGNITE and EVO systems. Connect additional appliances like a mobile phone or radio for extra power.



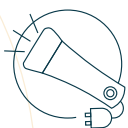
BRIGHT INTEGRATED LIGHT
Ranges from 17 / 70 / 210 lumens for the right light level needed



FLEXIBLE RECHARGING
Charge from a solar panel, USB port of the SPARK, PSHS, IGNITE or EVO 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® Torches	mobileMINI	mobileONE	units
Nominal System Voltage	3.2		V
System capacity	0.4	3.8	Ah
Energy capacity	1.28	12.16	Wh
Battery type	LiFePO ₄		
Protection features	Overcharge, overcurrent, deep discharge, short circuit		
Charge indicator	No	Yes	
SOC indicator	No	6 stages	
Energy saving mode	No	Yes	
Appliance outlets	1x 0.55A regular	1x 2.7A regular	
USB outputs	No	1x 0.75A USB	
Solar input	1x Solar input max. 0.4A	1x Solar input max. 2.2A	
Weight	51	173	g
Dimensions	110 x 45 x 45	135 x 60 x 60	mm

RECOMMENDED SOLAR PANEL

Module peak power	1.5	2.5	Wp
Module current (Impp)	0.34	0.58	A
Module technology	Polycrystalline silicon		
Cable length panel to box	6		m
Module dimensions	150 x 192 x 17	150 x 192 x 17	mm
Module weight	450	450	g

INTEGRATED LIGHT

Brightness (Mode 1/2/3)	40 / - / -	17 / 70 / 210	lm
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OPERATION TIME

Full battery runtime* <i>Integrated light 100%</i>	4:35 hrs	5:30 hrs	
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*additional phone charging will reduce the runtime

