fosera® **FLASH**40

INTELLIGENT PRODUCT, BIG VALUE

SECURITY & FLEXIBLE LIGHTING FOR THE WHOLE HOUSE
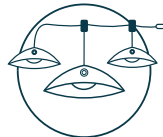
MULTIFUNCTIONAL LCD DISPLAY

The new FLASH 40 system is a revolution in solar home systems. Keeping in line with a simple yet functional and robust design, the fosera FLASH has 4 ports to connect any 12 volt appliances.

UNIQUE TO MARKET DATA LOGING FEATURE
Save money and increase customer satisfaction by facilitating faster resolution of after sales support enquires via easily accessible system usage information. Also provides interface for customers enabling them to understand energy flows and get the most out of their Solar Home System.

3-4 DAISY CHAINABLE LAMPS
With 3 dimming levels and up to 600 lumens with an efficiency of 150lm/W. Provides flexibility in lighting configurations.

FULL LCD
Providing deep transparency into system performance. This is a further testament to our product quality and provides adoptability, usability and supportability for the Solar Home System.

RELIABLE LITHIUM-IRON-PHOSPHATE BATTERY
Has a significantly longer battery lifetime compared to Lithium NMC and has little, to no risk bursting into flame.

PAYG WITH SOLID ANTI-TAMPERING MEASURES
Prevention from unlocking PAYG, anti-theft screws, warranty seal.
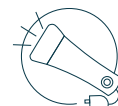
fosera® FLASH40

x4
outputs | LCD display | Datalogger | phone charging | standing fan *optional* | radio *optional* | torch *optional* | flexible design | PAYG

TECHNICAL SPECIFICATIONS

fosera® FLASH 40		units
Nominal system voltage	12.8	V
Nominal capacity	3.2	Ah
Battery energy capacity	40.96	Wh
Battery type	LiFePO4	
Protection features	Overcharge, deep discharge, overcurrent, short circuit, battery temperature	
Appliance outlets	3x regular outputs, 1x flexible output	
Appliance outlets total current	2.5	A
USB output	1.5 A USB	
Max. input current	1.6	A
Weight	550	g
Dimensions	158 x 110 x 59	mm
PAYG *(optional)*	OpenPAYGO Token	

RECOMMENDED SOLAR PANEL

Module peak power	15	Wp
Module current *Impp*	0.8	A
Module technology	36 cells polycrystalline silicon	
Cable length panel to box	6	m
Module dimensions	360 x 340 x 17	mm
Module weight	1.5	kg

OPERATION TIME

Solar runtime* *with 2 Lamp 200 and 2 Lamp mini 150*	7:25	hrs

*additional phone charging will reduce the runtime