



Solar Power Diverter 3.7kW

Our Solar Power Diverter helps you get the most out of your solar energy by redirecting excess generation to your home's appliances, such as water heaters and electrical heating systems.

A simple, smart way to increase self-consumption and reduce reliance on imported energy.

Key Features:

- 16Amp twin output
- Simple installation, with first fix bracket suitable for wall or single gang back box
- Allows you to boost, schedule and set time limit
- Easily set preference for hot water, battery or EV charger
- Remote Monitoring & Control via the Sync Energy App
- True AC wave power control, adjustable power control
- Compatible with PT 100 Temperature probes for targeted temperature control
- 3 Year Warranty



220-240V-50-60Hz	HEATING CONTROL	2X OUTPUT	16A CURRENT	SOLAR CHARGING	AC TRUE WAVE	GREY ALUMINIUM RAL9007	3 YEAR WARRANTY
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Part No.	Description	Weight (kg)	Number of Outputs	Max Output (A)	Power Input Max. (kW)
SEFSD	Solar Power Diverter	3.5	2	16A	3.7kW

Solar Power Diverter

ELECTRICAL SPECIFICATIONS			
MAXIMUM CHARGE CURRENT	Configurable, 0-16A	POWER CONTROL	0 to 10A controllable output. 16A bypass
INPUT FREQUENCY	50-60hz	LOAD BALACING	Supplied with Load Management Kit
ELECTRICAL CLASS	Class 1	TERMINALS	Push fit lever terminals
OPERATING CONDITIONS & CONSTRUCTION			
OPERATING	-20°C to +50°C	MOUNTING OPTIONS	Wall Mounted bracket, compatible to standard single gang back box
IP RATING	IP20	COLOUR	Light Grey (RAL 7016)
IK RATING	Control Box - IK08	DIMENSIONS	194 (H) x 240 (W) x 75 (D)
HOUSING MATERIAL	Die Cast Aluminium and ABS	WEIGHT	3.5kg
CONNECTIVITY & ACCESSORIES			
CONNECTION PROTOCOL	Powered by Sync Energy	WARRANTY	3 Year Warranty
APP	Powered by Sync Energy	SOFTWARE & FIRMWARE UPDATE	Over-the-air
CONNECTION OPTIONS	Wi-Fi, LAN, Bluetooth	SUPPLIED ACCESSORIES	1 x Mounting bracket, 20mm grommets, 1 x 120A CT Clamp

Indicator Modes

Please see table LED indicator modes to understand the status or operation of your Solar Power Diverter



LED Indicator	Function	Meaning
Left, Middle, Right Indicator	Power On - All indicator lights off	The product has no power
Left, Middle, Right Indicator	Powering On - All indicator lights flash alternately	Powering on process (device is booting up)
Right Indicator	Alarm Protection - Right indicator light: blue rapid flashing (every 0.5 sec, for 200 ms)	If any of the 15 alarms triggers, the device stops heating, the right light flashes rapidly, and the alarm log appears. Pressing any key hides the log, but it returns after 5 minutes if the issue isn't resolved. Wi-Fi also reports that operation has stopped.
Left, Middle, Right Indicator	Downloading - All three LEDs perform breathing effect simultaneously	LEDs flash and download log will be displayed until completed. Device stops all activities during this time.
Right Indicator	Network Disconnected - Right indicator light cycle: (0.5 sec ON, 2 sec OFF)	Interface shows network disconnected log consistently.
Right Indicator	Working - Right indicator light steady ON	After start of work, right light stays on. This corresponds to Output LED flashes below.