



300W ETFE Flexible Solar Slimline

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This 300W ETFE Flexible Solar Kit includes two slimline solar panels making it great for Narrowboats and applications where space is a premium. With this 300 Watt solar power kit you could expect to generate around 100 amps per day during the summer months supplementing the 12V leisure battery power in caravans, motorhomes, boats etc. The kit can also be configured for 24V battery charging.

This Sunshine Solar Flexible Kit includes a choice of either an MPPT single battery charge controller for one battery bank typically used in caravan solar set-ups or a dual battery controller for optimised battery charging of two battery banks useful for those of you wishing to keep both starter and leisure batteries charged commonly used in boats/motorhome solar set-ups.

The Sunshine Flexible Solar range benefit from being thin, light and when fitted to the roof of a caravan or motorhome very aerodynamic. Light weight design combined with high efficiency cells and 3° solar panel flexibility for fitting on slightly curved surfaces our flexible solar range are perfect for caravans, motorhomes and campers.

Monitoring of the system can be made easy with an Apple Android smartphones, tablets, MacBook's and other devices, using the solar controllers built in Bluetooth function - (MPPT Single Battery Controller ONLY). If you select the MPPT Dual Battery Controller option you will need the Add-on Bluetooth Adapter - Cable and Coupler for Bluetooth functionality.

The Sunshine Flexible ETFE 150W Solar Panels have been specially manufactured to provide a high DC voltage to maximise battery charging through a higher efficiency MPPT charge controller.

With a Sunshine Flexible 150W 12V solar panel you could expect to generate around 50 amps per day when used in conjunction with an MPPT Solar Controller during the summer months.

XTRA-N G3 BLE series controllers are based on a new design concept, featuring a Bluetooth module which allows you to read and write parameters via Apple and Android Smartphones. The controllers adopt the advanced MPPT control algorithm, improving the maximum power point(MPP) tracking and acting speed. By minimizing the MPP loss rate and time, the controllers can track the MPP quickly to obtain the maximum energy under any conditions.

Independent voltage regulation, namely, the battery terminal of the controller can be connected to loads directly when there is no battery, this is a new added function. The Xtra Series are lithium batteries friendly, avoiding the instability output voltage caused by the internal protection of the lithium batteries.

Monitoring of the system can be made easy with the optional remote meter or via Apple & Android



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smartphones, tablets, macbooks and other devices, using the optional Bluetooth Adapter.

① Life battery (BATT1) is the energy storage battery for powering the household loads in the off-grid system, which supports Sealed, Gel, Flooded, LiFePO4, and Li-NiCoMn batteries (the controller can NOT recognize the system voltage automatically).

② Start battery (BATT2) is the energy storage battery which usually built in the vehicle for powering the system such as RV and Boat, and only supports lead-acid battery (the controller will recognize the system voltage automatically).

Our aim is to become the UK's preferred online retailer of quality renewable energy products and accessories. Our ethos is one of outstanding customer service and competitive pricing.

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