

Midsummer

Lightweight, portable, waterproof and efficient – Midsummer folding briefcase solar charging kits are perfect for trickle charging 12V batteries for caravans, motorhomes or boats for small to medium usage (such as LED lighting, small TV, water pump, phone charging).

We use high-quality monocrystalline German solar cells from SolarWorld, and encase them in an anodised aluminium frame and 3.2mm of thick tempered glass. The adjustable aluminium stand allows for optimum charging efficiency and the heavy-duty handle and latches complete the durable strength of this briefcase module.



The waterproof solar charge controller is fully automated and comes with all the necessary protection functions, including overcharge protection and reverse current protection. The kit comes with 5m of cable (with inline fuse), and heavy-duty crocodile clips for easy connection to your battery

This kit comes with a premium protective case made with a layer of foam which prevents any damage to the frame and glass for storage when not in use.

Midsummer Energy Solar Panel Size

Item	Peak Power(W)	Voltage (V)	Size (mm)
FLD-40M-KIT	2 x 20W	18V	470 x 345 x 60 mm (folded)
FLD-100M-KIT	2 x 50W	18V	650 x 505 x 60 mm (folded)

Midsummer Energy Solar Panel Structure

Cell type	Monocrystalline Cell
Front glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodised aluminium alloy
Junction box	IP65 / IP67
Connectors	MC4
Back sheet	TPT
Accessories	waterproof solar controller, pair of battery clips and 5m cable, Anderson plugs, one handle, two latches, Heavy-duty carrier case