

# 290W

## MHD Flexi Solar Panel

### – top exit

**Part code: STPVFU290**

The 290w MHD Flexi solar panel combines shingled monocrystalline solar cells to deliver super efficient power generation with a tough ETFE top sheet for longevity and robust impact resistance.

At just 2mm thick, this ultra-lightweight panel is ideal for flat roofs as well as surfaces with a slight curve making it the perfect choice for camper vans and boat decks.

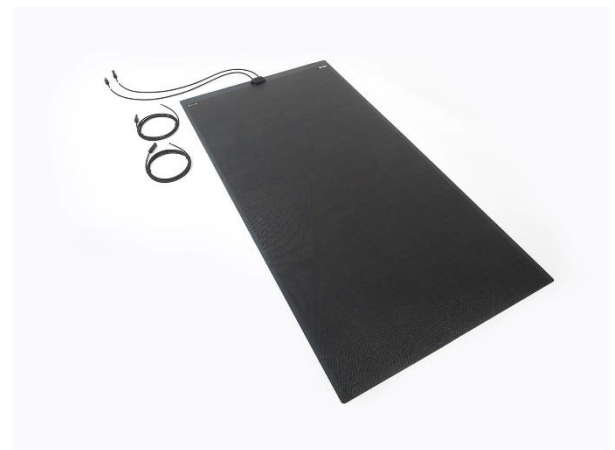
To ensure long term performance in the most extreme environments, the panels are tested to ASTM B117 - ISO9227 for saltwater spray over 1000 hours as well as accelerated Ultraviolet (UV) testing to ISO 4892.

The 290w solar panel comes with 2 x 0.9m connection cables fitted with MC4 connectors and 2 x 3m cable with MC4 connectors so the panels can be easily joined together to create a solar array. The panel is supplied with a 4-year module warranty.

A charge controller should be used with this panel to protect the battery from being overcharged and to prevent reverse of current drain.

For optimum battery performance, pair your panel with a **Lifos Go advanced lithium battery**. Connect up to four Lifos batteries in parallel or series to increase the current or voltage.

For further information from our Technical Team, please contact [support@solartechonology.co.uk](mailto:support@solartechonology.co.uk)

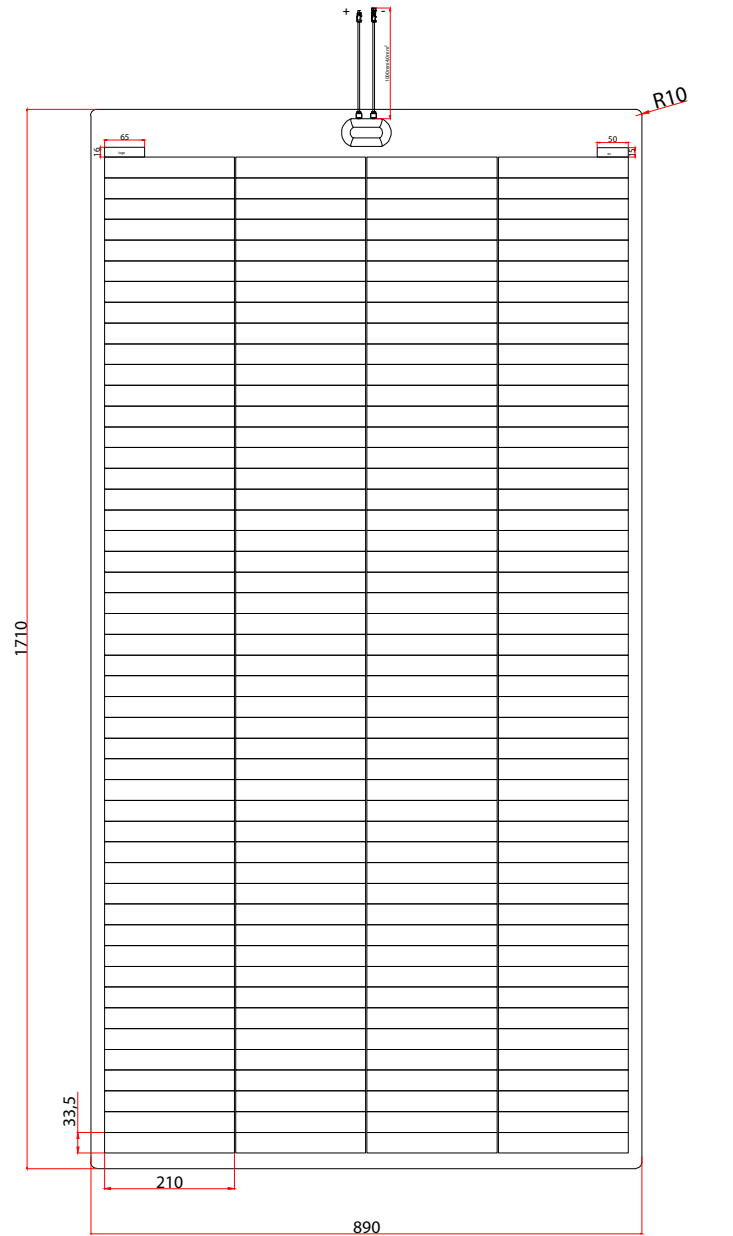


#### SPECIFICATIONS

Size	1710x890x2mm
Weight (Kg)	5.2
*Watts per day (W)	1740
*Amp hours per day (A)	71.34
Charge controller	20Ah
Vmp (VDC) nominal voltage	24.4V
Imp (A) nominal current	11.89A
Voc (V)	28.80V
Isc (A) short circuit current	12.60A

*\*Watts and Amp hours/day based on six hours of average daily peak sunshine hours.*

# STPVFU290



4\*48 290W 27.4V(++) 890\*1710\*2mm

