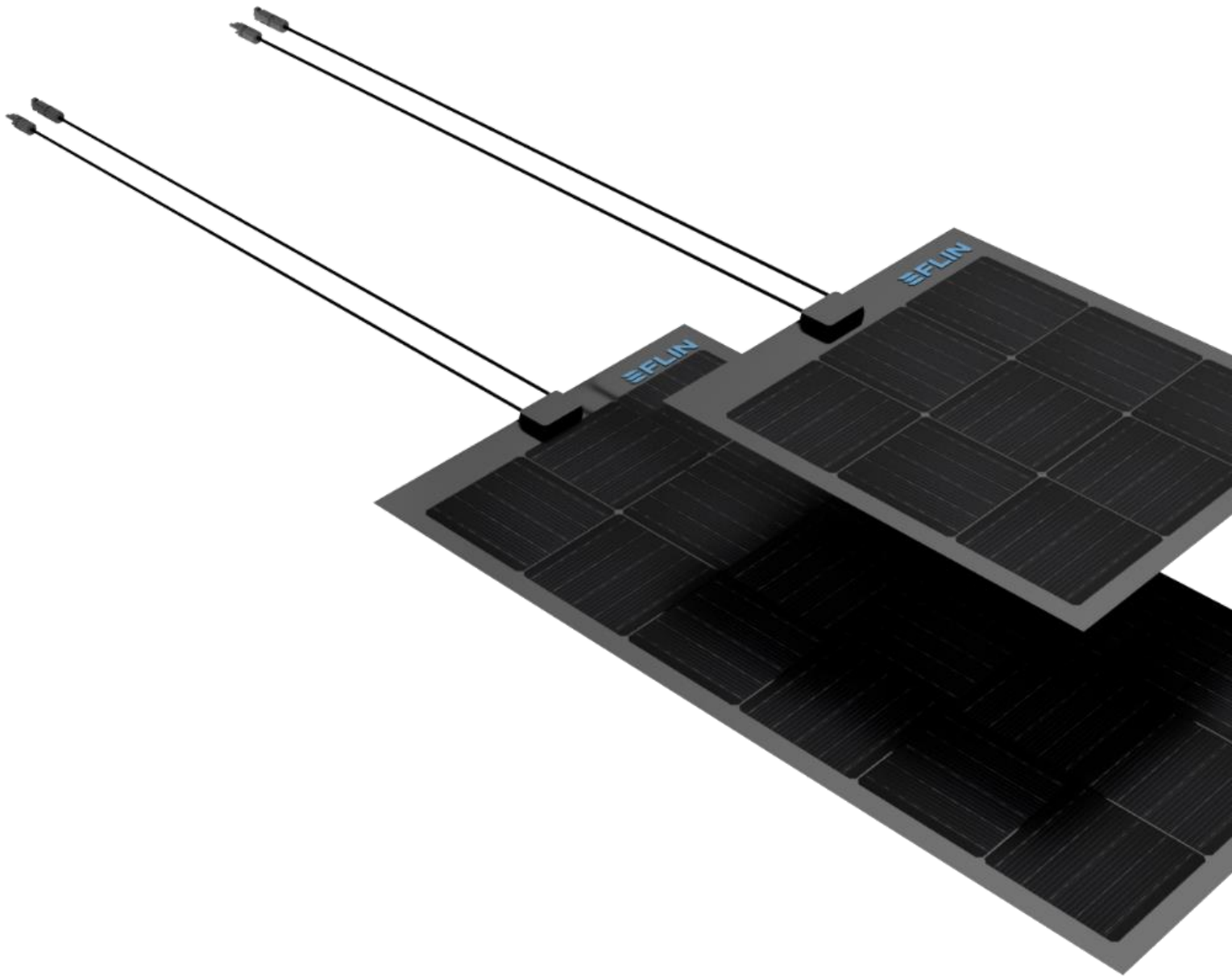


Datasheet: FLINflex





FLINflex - Solar modules flexible to use

The FLINflex series offers the passionate sailor an effective and simple application of solar systems on board. Due to the flexible mounting systems, the optimal place for the solar modules can be found on every yacht. Whether you mount your solar module permanently, or use it when needed, the FLINflex series offers the optimal solution.



Datasheet: FLINflex

Technical data

				
Model*	FLINflex 50 W	FLINflex LV 50 W**	FLINflex+ 50 W	FLINflex+ LV 50 W
Dimensions	565 mm x 535 mm x 1.5 mm			
Cable length	1000 mm			
Plug type	MC4			
Weight	830 g			
Power	50 W			
Power bifacial	-		60 W	
V_{oc}	12.8 V	6.4 V	12.8 V	6.4 V
I_{sc}	4.85 A	9.7 A	4.85 A	9.7 A
I_{sc}, Bifacial	-		5.35 A	10.67 A
V_{MPP}	11.2 V	5.6 V	11.2 V	5.6 V
I_{MPP}	4.45 A	8.9 A	4.45 A	8.9 A
I_{MPP}, Bifacial	-		5.31 A	10.62 A
Protection class	IP67			

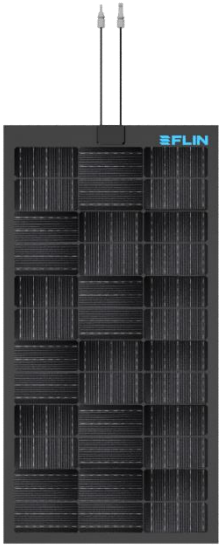


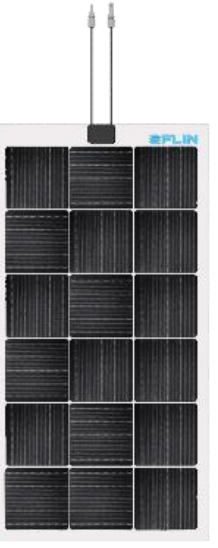
*There is an additional possibility to manufacture a customized solar panel.

The parameters may differ depending on the configuration.

**The FLIN LV models are low voltage variants with full cells.

Note: The data listed are guide values which are subject to a production-related tolerance.

Datasheet: FLINflex

				
Model*	FLINflex 100 W	FLINflex LV 100 W**	FLINflex+ 100 W	FLINflex+ LV 100 W
Dimensions	1045 mm x 535 mm x 1.5 mm			
Cable length	1000 mm			
Plug type	MC4			
Weight	1450 g			
Power	100 W			
Power bifacial	-		120 W	
V_{oc}	25.8 V	12.9 V	25.8 V	12.9 V
I_{sc}	4.85 A	9.7 A	4.85 A	9.7 A
I_{sc}, Bifacial	-		5.35 A	10.67 A
V_{MPP}	22.6 V	11.3 V	22.6 V	11.3 V
I_{MPP}	4.45 A	8.9 A	4.45 A	8.9 A
I_{MPP}, Bifacial	-		5.31 A	10.62 A
Protection class	IP67			

*There is an additional possibility to manufacture a customized solar panel.

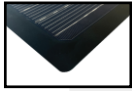
The parameters may differ depending on the configuration.

**The FLIN LV models are low voltage variants with full cells.

Note: The data listed are guide values which are subject to a production-related tolerance.

Datasheet: FLINflex

Mounting systems



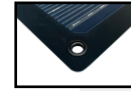
Standard

- No fastening options
- On deck or flying



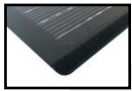
Snap

- LOXX quick connectors
- Fabric surfaces (sprayhoods or bimini tops)



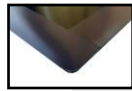
Eyelet

- Eyelets
- Universal



Tex

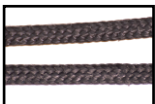
- Velcro
- Fabric surfaces (sprayhoods or bimini tops)



Magnetic

- Magnetic foil
- Metal surfaces

Cable variants



Dyneema Soft

- Dyneema sheathed soft cable
- Robustness, flexibility, durability



Solar Standard

- Double insulated cable
- Inexpensive, robustness, durability



Philippi-MC4

- Adapter cable
- MC4 to series 692 from Philippi