

Product SPECIFICATION SHEET



SLP20F-12A1, SLP30F-12A1, SLP40F-12A1, SLP50F-12A1



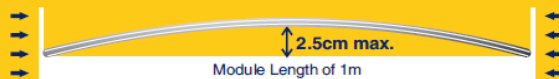
20W to 50W



The SLPF series of Semi-Flexible solar panels are specifically designed for the marine industry. The aesthetic design utilises components and workmanship of the highest quality including high efficient multicrystalline cells which ensure a high power output

- Non Glass design
- Semi-flexible with aluminium backing
- Fully weatherproof
- Light weight design
- Unbreakable protective film coating
- Easy installation

Can be used on slightly curved surfaces with a maximum deflection of 2.5%. (See drawing below)



Typical Characteristics of The Aluminum Flexi Series

Model	SLP20F-12A	SLP30F-12A	SLP40F-12A	SLP50F-12A
Max. Power(Pmax)	20W	30W	40W	50W
Voltage at Pmax(Vmp)	19V	19V	19V	19V
Current at Pmax(Imp)	1.05A	1.58A	2.102A	2.63A
Open-circuit voltage(Voc)	24V	24V	24V	24V
Short-circuit current(Isc)	1.16A	1.74A	2.30A	2.90A
Temperature Coefficient of Voc	-(80±10)mV/°C			
Temperature Coefficient of Isc	(0.065±0.015)%/°C			
Temperature Coefficient of Power	-(0.5±0.05)%/°C			
NOCT(Air 20°C; Sun 0.8kW/m²)	47±2°C			
Operating temperature	-40°C to 85°C			
Dimensions (mm)	618x358x16	778x358x16	778x458x16	938x458x16

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