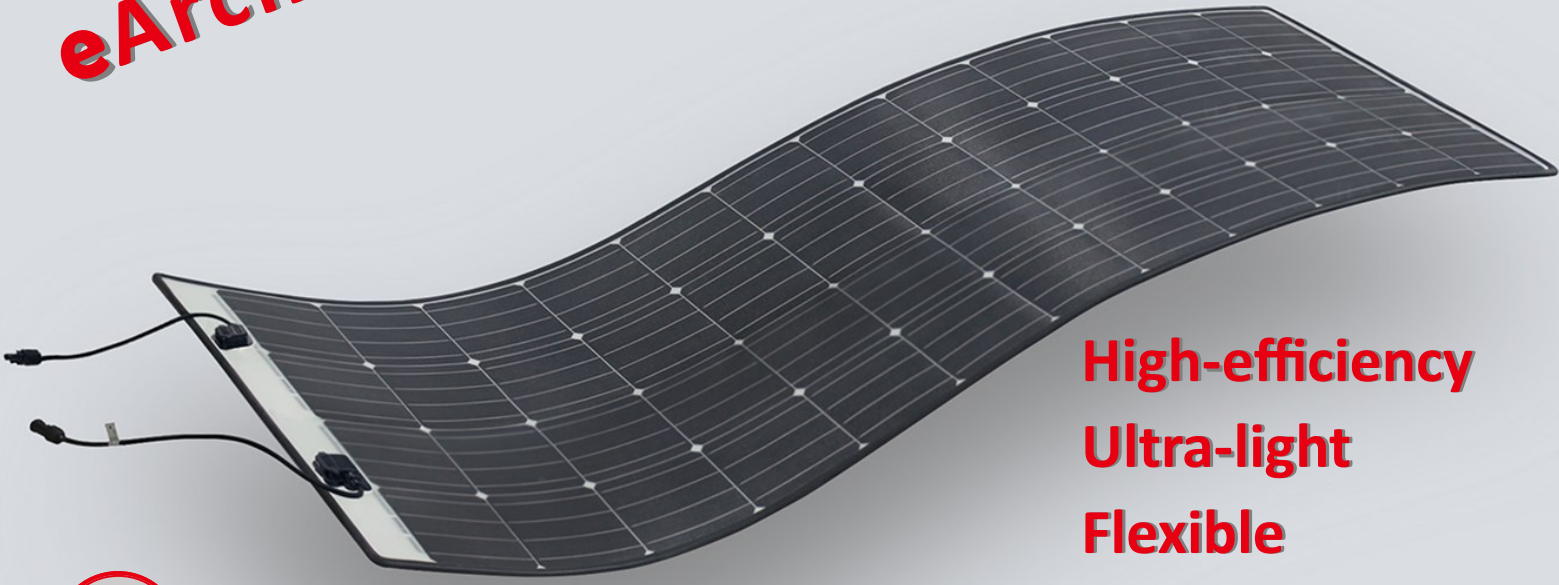


eArche

SUNMAN



High-efficiency
Ultra-light
Flexible
Aesthetics
Customization



Warranty

Electrical Characteristics

STC	SMS215M-4X12U	SMS110M-2X12U	SMS210P-4X12U	SMS105P-2X12U
Maximum Power (P_{max})	215	110	210	105
Maximum Power Voltage (V_{mp})	25.7	13.0	25.4	12.7
Maximum Power Current (I_{mp})	8.37	8.47	8.27	8.27
Open-circuit Voltage (V_{oc})	31.0	15.6	30.8	15.4
Short-circuit Current (I_{sc})	8.83	8.94	8.73	8.73
Module Efficiency (%)	16.0	15.7	15.6	15.0
Operating Temperature (°C)	-40 °C to 85 °C			
Maximum System Voltage	600 V DC (IEC)			
Maximum Series Fuse Rating	20 A			
Application Class	Class A			
Power Tolerance	0/+5 W			

STC: Irradiance 1000W/m², Cell temperature 25°C, AM=1.5.

Mechanical Characteristics

Product	SMS215M-4X12U	SMS110M-2X12U	SMS210P-4X12U	SMS105P-2X12U
Solar Cell	Monocrystalline silicon (6 inches)		Polycrystalline silicon (6 inches)	
No. of Cells	48 (4 × 12)	24 (2 × 12)	48 (4 × 12)	24 (2 × 12)
Module Dimensions	2022×666×6 mm	2022×346×6 mm	2022×666×6mm	2022×346×6 mm
Weight	4.3 kgs	2.3 kgs	4.3 kgs	2.3 kgs
Backsheet	White			
J-box	IP 68 rated (each j-box have one bypass diodes)			
Output Cables	Photovoltaic technology cable 4.0 mm ² , (+)150 / (-)450 mm			
Connector	MC4 compatible			

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Flexible eArche



1.Flexible eArche applied to RV market

2.Flexible eArche applied to caravan market

3.Flexible eArche applied to traveling vehicles

4.Flexible eArche applied to yacht applications



CAUTION: Read installation manual before using the product.

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