

SOLARA S-SERIES

Robust and reliable

5 YEARS PRODUCT WARRANTY

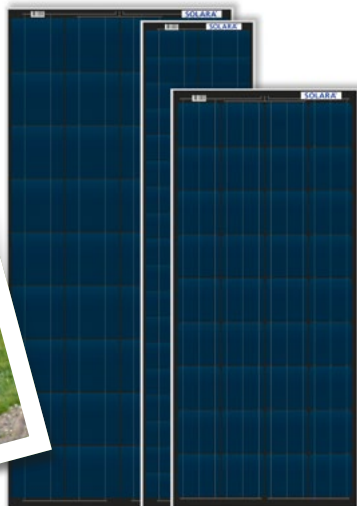


TOP QUALITY FOR PROFESSIONAL MOBILE APPLICATIONS

- Solar modules with 36 high-performance solar cells
- Sturdy, seawater-resistant aluminium frame
- As Vision available also in glass/glass technology
Very robust and walkable, carries up to 18.000 Pa

SECURE

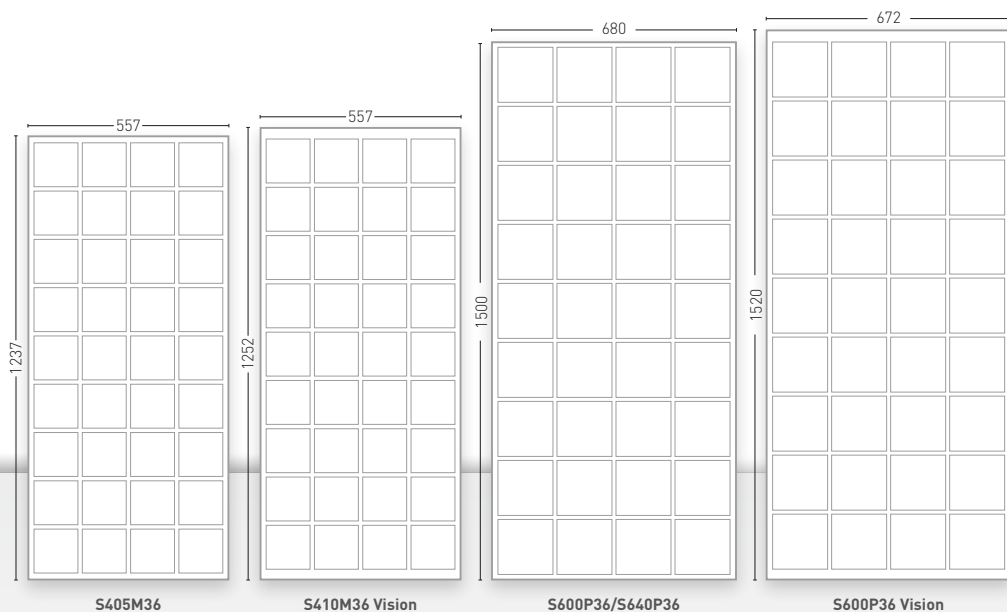
- Frame with dewatering holes to avoid frost damage
- Large, waterproof junction box with connection cable and MC4 compatible plugs
- Weather and water proof foil provides highest life expectancy even under extreme climatic conditions
- Ammonia resistant
- Saltwater resistant
- Hail resistant



WE GUARANTEE

- High performance also during low irradiation and months with diminished light
- Highest life expectancy even under extreme climatic conditions
- 5 years product warranty*
- Made in Germany

* Full terms of guarantee: www.solara.de



100 W · 150 W · 160 W

PERFORMANCE AT STC*

Type	S405M36	S410M36 Vision	S600P36	S640P36	S600P36 Vision
Daily output in summer in Germany (Ø) Wh/d	400	400	600	640	600
Rated output (Pmpp) Wp	100	100	150	160	150
Short-circuit current (Isc) A	6.20	6.20	8.83	8.93	8.83
Open-circuit voltage (Uoc) V	21.50	21.50	22.90	22.97	22.40
Voltage (Umpp) V	17.20	17.20	17.90	19.30	17.90
Current (Impp) A	5.90	5.90	8.39	8.29	8.39

Dimensions and weight

Dimensions (L x B x H) mm	1237 x 557 x 40	1252 x 557 x 40	1500 x 680 x 40	1500 x 680 x 40	1520 x 672 x 40
Weight kg	7.9	7.9	12.1	12.1	15.0
Cell dimensions mm	125 x 125	125 x 125	156 x 156	156 x 156	156 x 156

Thermal properties

TK Pmpp %/K	-0.45
TK Uoc %/K	-0.36
TK Isc %/K	0.03
NOCT °C	46 ± 2

Other technical data

System voltage	1000 V
Reverse current carrying capacity IR	12 A
Measuring accuracy Pmpp at STC	± 5 %
Glass thickness (Ultra)	3.2 mm
Glass thickness (Vision)	2 x 2 mm

Material used

Cell technology	mono or poly crystalline
Number of cells	36 pc
Front	tempered solar glass
Frame	anodized aluminum hollow profile, silver
Junction box	IP65 with MC4 compatible connector

Date 05/2016. Errors and omissions excepted. Technical changes reserved.



*Performance at STC, Standard Testing Conditions: 1000W/m², AM 1.5, cell temperature 25° C