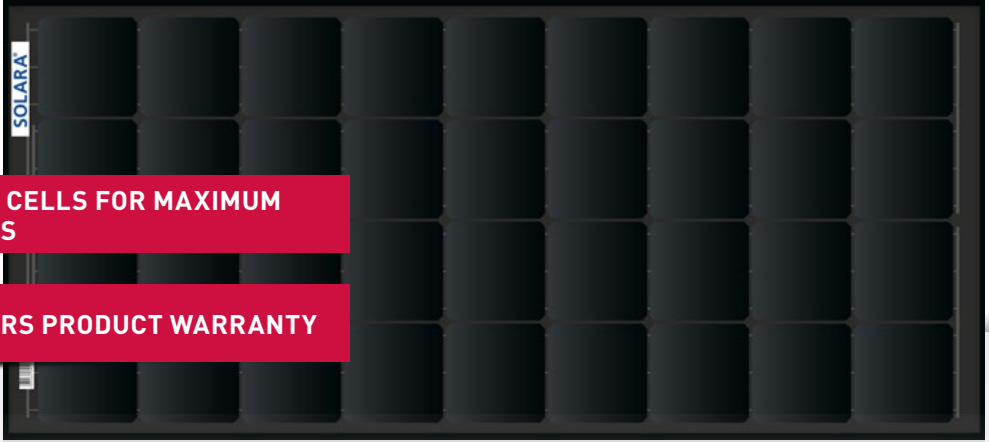


SOLARA POWER S-SERIES

Highest yields guaranteed



MORE CELLS FOR MAXIMUM YIELDS

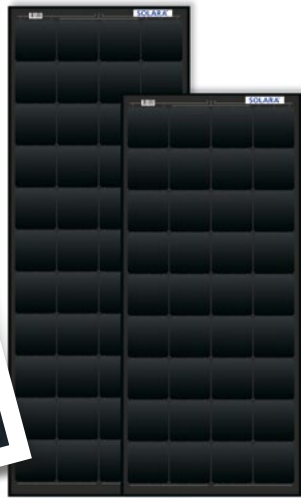
5 YEARS PRODUCT WARRANTY

MAXIMUM POWER WITH PERFECT DESIGN

- Elegant and attractive design with black finishing
- Slim shape – for a wide range of applications
- Increased number of cells for best performance
- Latest back-contact cell technology with 22% of cell efficiency

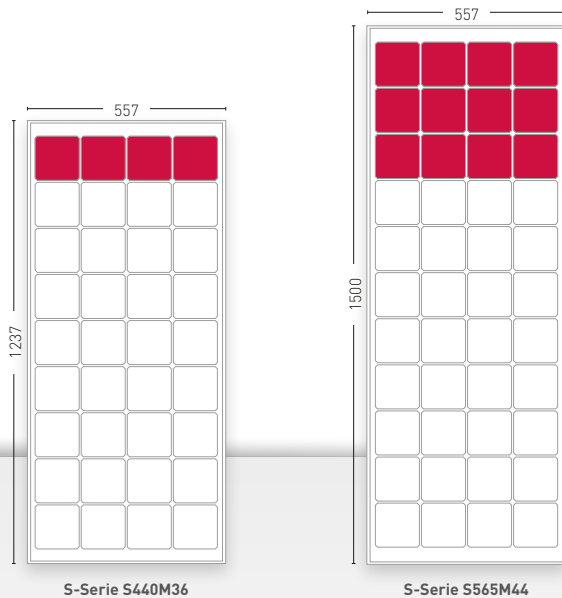
HIGHEST LIFE EXPECTANCY EVEN UNDER EXTREME CLIMATIC CONDITIONS

- 3.2 mm, scratch-resistant thermally hardened thin glass
- Excellent mechanical load resistance thanks to its torsion-resistant module frame
- Especially developed for permanent operation at extreme heat as well as high humidity



WE GUARANTEE

- Highest yields due to mono crystalline Back-Contact solara cells with over 22 % back-contact cell efficiency
- Best low-light behaviour
- 5 years product warranty*
- Made in Germany



S-Serie S440M36

S-Serie S565M44

**36 CELLS FOR 110 WATT
44 CELLS FOR 140 WATT**

PERFORMANCE AT STC*

Type	S440M36 Ultra	S565M44 Ultra
Daily output in summer in Germany (Ø) Wh/d	440	565
Rated output (Pmpp) Wp	110	140
Short-circuit current (Isc) A	6.02	6.14
Open-circuit voltage (Uoc) V	24.06	29.63
Voltage (Umpp) V	20.25	25.10
Current (Impp) A	5.43	5.58
Module efficiency η %	16.5	16.7

Dimensions and weight

Dimensions (L x B x H) mm	1237 x 557 x 40	1500 x 557 x 40
Weight kg	7.9	9.9
Cell dimensions mm	125 x 125	125 x 125

Thermal properties

TK Pmpp %/K	-0.38
TK Uoc %/K	-0.28
TK Isc %/K	0.057
NOCT °C	46 ± 2

Other technical data

System voltage	70 V
Reverse current carrying capacity IR	12 A
Measuring accuracy Pmpp at STC	± 5 %
Glass thickness	3.2 mm

Material used

Cell technology	mono crystalline
Number of cells	36/44 pc
Front	tempered solar glass
Frame	anodized aluminum hollow profile, silver
Junction box	IP65 with MC4 compatible connector

Date 01/2016. Errors and omissions excepted. Technical changes reserved.



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