



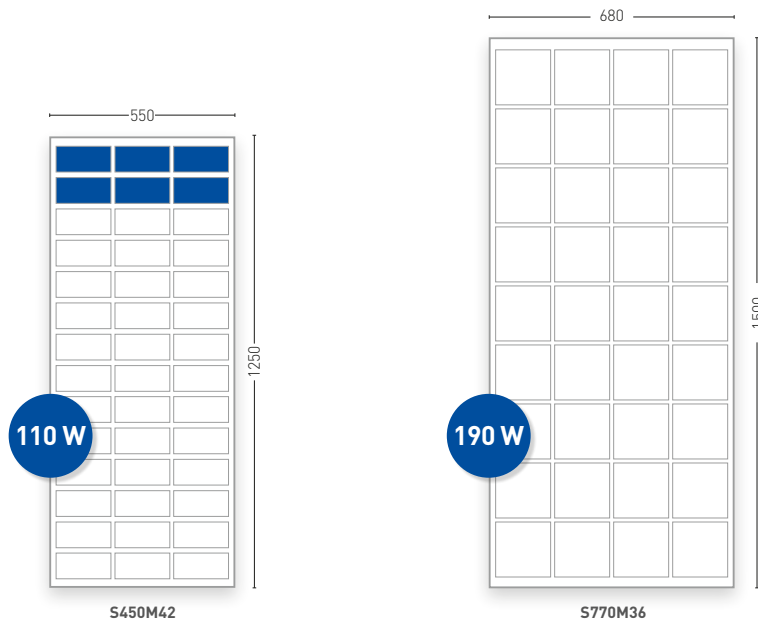
SOLARA S-Series Vision

INDESTRUCTIBLE DUE TO UNIQUE GLASS/GLASS TECHNOLOGY

- Fully walkable
- Robust, seawater-resistant aluminium profile frame
- Tropical roof capable and OFF-ROAD use suitable
- Large, waterproof junction box with connection cable, MC4 compatible
- Suitable for use even under extreme climatic conditions
- Designed and manufactured for permanent use on water and on land
- Manufactured exclusively in Germany



SOLARA S-Series Vision



PERFORMANCE

Type	S450M42	S770M36
Daily output in summer in Germany (Ø) Wh/d	440	760
Rated output ¹ (Pmpp) Wp	110	190
Short-circuit current (Isc) A	4.95	10.09
Open-circuit voltage (Uoc) V	27.62	24,14
Voltage (Umpp) V	23.50	20.13
Current (Impp) A	4.68	9.44
No. of cells	42	36

¹ Performance at STC, Standard Testing Conditions: 1000 W/m², AM 1.5, cell temperature 25° C

Dimensions and weight

Dimensions (L x W x H) mm	1250 x 550 x35	1500 x 680 x 35
Weight kg	9.4	13.5
Cell dimensions mm	156 x 78	156 x 156

Thermal properties

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

Used materials

Cell technology	Mono crystalline cells
Front/back	Tempered solar glass
Frame	Anodized aluminium hollow profile, silver
Junctionbox	IP67 with MC4 compatible connectors

More technical data

Reverse current IR loadability	12 A
Measuring accuracy Pmpp at STC	± 5 %
Operating temperature range	-40°C to +85°C
Glass thickness	2 x 2 mm

