



The Solara S-series is a series of quality German made modules for professional stand-alone applications. The wide selection of modules with different power specifications and different dimensions means that the PV array can be accurately designed to suit the application.

Based on high efficiency PV cells from Q-Cell, Solara modules come with a 26 year output guarantee.

Each module comes with a sturdy and sea water resistant aluminium frame and water proof junction box

Art.-Nr.	SM50S	SM100S	SM200S	SM220K	SM220S/M55	SM340S	SM500S
Durchschnittlicher Tagesertrag im Sommer average daily output in summer (Germany)	48 Wh/d	108 Wh/d	220 Wh/d	220 Wh/d	220 Wh/d	340 Wh/d	500 Wh/d
Maximale Leistung (Pmax) peak power Pmax	12 Wp	27 Wp	55 Wp	55 Wp	55 Wp	85 Wp	125 Wp
Systemspannung system voltage	12 V	12 V	12 V	12 V	12 V	12 V	12 V
Spannung Maximalleistung voltage at peak power	18,4 V	17,4 V	17,6 V	17,6 V	17,6 V	18 V	17,5 V
Leerlaufspannung open circuit current	22,4 V	21,8 V	21,3 V	21,3 V	21,3 V	21,9 V	21,7 V
Strom bei Maximalleistung current at peak power	0,55 A	1,55 A	3,13 A	3,13 A	3,13 A	4,72 A	7,14 A
Kurzschlussstrom short circuit current	0,63 A	1,75 A	3,4 A	3,4 A	3,4 A	5,15 A	8,0 A
Anzahl der Solarzellen number of cells	38 Stk./pcs.	36 Stk./pcs.	36 Stk./pcs.	36 Stk./pcs.	36 Stk./pcs.	36 Stk./pcs.	36 Stk./pcs.
Abmessung der Solarzellen cell dimension	103x21 mm	103x51,5 mm	103x103 mm	103x103 mm	103x103 mm	125x125 mm	156x156 mm
Maße in mm (LxBxH) dimension in mm	468x250x35	540x457x35	997x457x35	1040x450x5	1330x350x35	1237x557x35	1500x680x35
Höhe mit Anschlussdose height incl. junction box	35 mm	35 mm	35 mm	15 mm	35 mm	35 mm	35 mm
Anschluß (Kabel : rot +, schwarz -) connection (cable: red +, black-)	Dose/ junction box	Dose/ junction box	Dose/ junction box	1m Kabel/cable 2x2,5 qmm	Dose/ junction box	Dose/ junction box	Dose/ junction box
Gewicht/Glasstärke weight/thickness of glass	1,3 kg/3,2 mm	3,0 kg/3,2 mm	5,9 kg/3,2 mm	4,6 kg/3,2 mm	5,4 kg/3,2 mm	7,9 kg/3,2 mm	12,1 kg/3,2 mm
SOLARA-Garantie SOLARA guarantee	26 J./yrs.	26 J./yrs.	26 J./yrs.	2 J./yrs.	26J./yrs.	26J./yrs.	26 J./yrs.



Schutzklasse II



gesetzl. nicht vorgeschrieben
not ordered by law

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