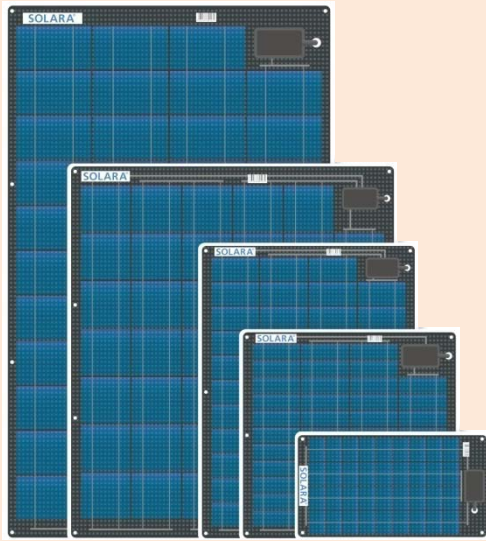


SOLARA[®] — Marine Solar Panels

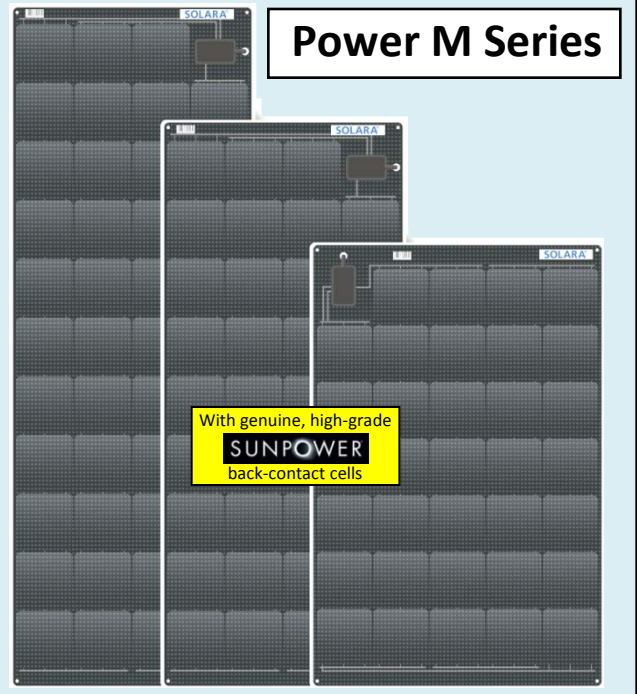
Standard M Series



Panel shapes shown may not be representative. See dimensions overleaf.

- ✓ Wafer thin, with aluminum or stainless steel backing panel.
- ✓ Mount on decks, cabin tops, etc., and can be walked on.
- ✓ Will bend slightly for mounting on gently curved surfaces.
- ✓ Tough, rubber-like coating for maximum protection.
- ✓ Slip resistant, non-clouding, self-cleaning textured finish.
- ✓ 8' UV and ozone proof cable pre-wired into junction box.
- ✓ Low profile Junction Box, sealed and potted for life.
- ✓ Manufactured in Germany to high standards

Power M Series

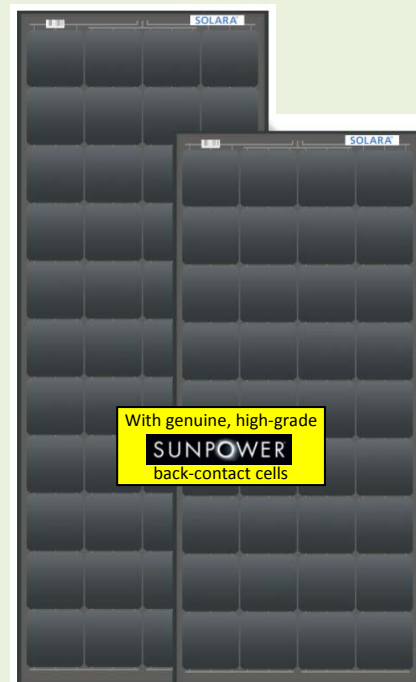


With genuine, high-grade
SUNPOWER
back-contact cells

- ✓ Designed and built for the harsh marine environment.
- ✓ Power M panels have genuine high-grade SunPower[®] monocrystalline cells with over 22.5% efficiency.
- ✓ SunPower[®] cells have high tolerance to shading.
- ✓ Resistant to vibration, ozone, salt, UV, and acid rain.
- ✓ Encapsulated, not laminated, with 5mm edge overlap.
- ✓ Cable hole blank next to Junction Box for neat installation.
- ✓ 5 year manufacturing defect warranty.

Ultra Series Glass Panels

- ✓ Ultra Series panels use genuine high-grade SunPower[®] back contact monocrystalline cells with over 22.5% efficiency.
- ✓ Excellent heat, humidity and vibration resistance.
- ✓ SunPower[®] back-contact cells have high shade tolerance.
- ✓ Attractive and unobtrusive all-black finish.
- ✓ High torsional rigidity from double-walled aluminum frame.
- ✓ All-around flange and upgraded corner splines.
- ✓ SunPower[®] cells give superior performance in high temperature, low light, and low sun angle conditions.
- ✓ Scratch resistant, thermally hardened, low iron glass.
- ✓ Narrow width allows for multiple panel installations.
- ✓ Manufactured in Germany to high standards.
- ✓ Designed and built for the harsh marine environment.
- ✓ 5 year manufacturing defect warranty.



With genuine, high-grade
SUNPOWER
back-contact cells

Watts (nom)¹

Volts at Peak Power¹

Amps at Peak Power¹

Watt/Hrs per Day²

Length

Width

Thickness

Weight

Cells - Number

Cells - Type

Hot-Spot Preventer³

Backing Plate⁴

Controller - MPPT

Controller - PWM

Solara Part Number

Standard M Series				
12w	27w	41w	55w	80w
19.2v	22.3v	22.9v	22.9v	21.8v
0.61a	1.22a	1.81a	2.4a	3.62a
50	110	170	220	320
17.0"	18.3"	25.7"	33.2"	31.4"
10.5"	13.9"	18.1"	18.1"	27.4"
1/8"	1/8"	1/8"	1/8"	1/8"
2.0lb	3.7lb	4.8lb	6.2lb	8.1lb
36	42	43	43	41
Poly	Poly	Poly	Poly	Poly
No	No	R	R	R
AL	AL	AL	AL	AL
GV-5	GV-5	GV-5	GV-5	V75/15
SR60UL	SR60UL	SR60UL	SR60UL	SR170CX
S50P36	S110P42	S170P43	S220P43	S320P41

Power M		
110w	115w	140w
18.9v	19.8v	23.7v
5.8a	5.8a	5.8a
464	480	560
38.8"	49.1"	59.3"
26.8"	21.3"	21.3"
3/16"	3/16"	3/16"
11.7lb	9.7lb	11.2lb
34	35	43
SunPower	SunPower	SunPower
R	R	R
SS	AL	AL
V 75/15	V 75/15	V 75/15
SR170CX	SR170CX	SR170CX
S440M34	S460M35	S560M43

Ultra	
110w	140w
20.2v	25.1v
5.43a	5.58a
440	565
49"	59"
22"	22"
1.6"	1.6"
17.4lb	21.2lb
36	44
SunPower	SunPower
I	I
Glass	Glass
V75/15	V75/15
SR170CX	SR170CX
S440M36	S565M44

SUNPOWER

SUNPOWER

NOTES: 1 - Nominal peak power. May differ slightly from panel to panel.

2 - For estimating purposes only. Daily watt/hour yield on a good solar day in Summer with MPPT controller and full load.

3 - Hot-Spot Preventer (By-Pass diodes). R = Remotely mounted in separate box. I = Integral to panel

4 - SS = Stainless Steel AL= Aluminum Di-Bond composite Glass = Glass panel with aluminum frame

MPPT Controllers

PWM Controllers



Genasun GV-5
12v - Max O/P 5a
Max panel - 65w



Genasun GV-10
12v - Max O/P 10.5a
Max panel - 140w



Victron 75/15
12/24v - Max O/P 15a
Max panel - 200w (12v)



Blue Sky 3000i
12v - Max O/P 30a
Max panel - 400w



Solara SR60UL
12v - Max O/P 4a
Max panel - 60w



Solara SR170CX
12v - Max O/P 10a
Max panel - 170w

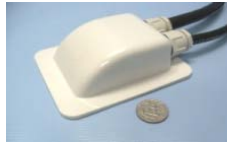


Solara SR/CX Display
Remote Display for SR
170CX Controller.

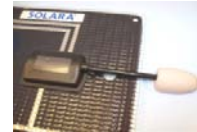
Deck Glands



Solara 1-Cable ABS Deck Gland
Single cable up to 1/2" (12mm) OD



Solara 2-Cable ABS Deck Gland
Two cables up to 1/2" (12mm) OD



ScanStrut Low Profile Deck Gland
For cables up to 1/4" (6mm) OD.
Use with cable supplied on Solara walk-on panels

Cable



4 Conductor Solar Cable
AWG 10 Multi-strand
ABYC compliant



3 Conductor Solar Cable
AWG 12 Multi-strand
ABYC compliant



Single Conductor Solar Cable
AWG 10 and AWG 12 Tinned
Multi-strand, ABYC compliant

Cable Sets



Single Conductor Solar Cable Sets
Multi-strand, ABYC compliant.
With MC 4 connectors for Ultra panels

Solar Monitor



Watt Wizard Solar Monitor



EZ Mount

Mounting frame option for Power M