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

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.
### Watts (nom)¹
<table>
<thead>
<tr>
<th></th>
<th>12w</th>
<th>27w</th>
<th>41w</th>
<th>55w</th>
<th>80w</th>
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<tbody>
<tr>
<td>Volts</td>
<td>19.2v</td>
<td>22.3v</td>
<td>22.9v</td>
<td>22.9v</td>
<td>21.8v</td>
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<tr>
<td>Amps</td>
<td>0.61a</td>
<td>1.22a</td>
<td>1.81a</td>
<td>2.4a</td>
<td>3.62a</td>
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<tr>
<td>Watt/Hrs per Day²</td>
<td>50</td>
<td>110</td>
<td>170</td>
<td>220</td>
<td>320</td>
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<tr>
<td>Length</td>
<td>17.0”</td>
<td>18.3”</td>
<td>25.7”</td>
<td>33.2”</td>
<td>31.4”</td>
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<tr>
<td>Width</td>
<td>10.5”</td>
<td>13.9”</td>
<td>18.1”</td>
<td>18.1”</td>
<td>27.4”</td>
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<tr>
<td>Thickness</td>
<td>1/8”</td>
<td>1/8”</td>
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<td>1/8”</td>
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<tr>
<td>Weight</td>
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<td>3.7lb</td>
<td>4.8lb</td>
<td>6.2lb</td>
<td>8.1lb</td>
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<tr>
<td>Cells - Number</td>
<td>36</td>
<td>42</td>
<td>43</td>
<td>43</td>
<td>41</td>
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<tr>
<td>Cells - Type</td>
<td>Poly</td>
<td>Poly</td>
<td>Poly</td>
<td>Poly</td>
<td>Poly</td>
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<tr>
<td>Hot-Spot Preventer³</td>
<td>No</td>
<td>No</td>
<td>R</td>
<td>R</td>
<td>R</td>
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<tr>
<td>Backing Plate⁴</td>
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<td>AL</td>
<td>AL</td>
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<tr>
<td>Controller - MPPT</td>
<td>GV-5</td>
<td>GV-5</td>
<td>GV-5</td>
<td>GV-5</td>
<td>V75/15</td>
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<tr>
<td>Controller - PWM</td>
<td>SR60UL</td>
<td>SR60UL</td>
<td>SR60UL</td>
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<td>SR170CX</td>
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<td>Solara Part Number</td>
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<td>S110P42</td>
<td>S170P43</td>
<td>S220P43</td>
<td>S320P41</td>
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</table>

### 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

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**MPPT 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 - 600w

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

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

- **Solar SR/CX Display**
  - Remote Display for SR 170CX Controller.

**PWM Controllers**

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

**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

**Solar Monitor**

- **Watt Wizard Solar Monitor**

**Cable Sets**

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

**EZ Mount**

- Mounting frame option for Power M