



GREEN ENERGIE SOLAR GmbH

SOLAR PANELS

Semi flexible 100-180W



• TOP GRADE IMPORTED MATERIAL MADE FROM TOP-GRADE

• MONOCRYSTALLIN CELLS WITH UP TO 17.7% EFFICIENCY

• THE LAMINATING MATERIAL THAT WE USE IS ANTI-SEA WATER-CORROSION, AND ESPECIALLY SUITABLE FOR BUILDING MARINE SOLAR PANELS; FOR USE ON SEACRAFT — BOATS, YACHTS, ETC.

• THE SOLARFAM FLEXIBLE SOLAR PANELS PROVIDE A CERTAIN VERSATILITY THAT JUST CANNOT BE ACHIEVED BY GLASS SOLAR PANELS. THEIR LIGHTWEIGHT AND FLEXIBLE CHARACTERISTICS PROVIDE SEAMLESS INTEGRATION ONTO YOUR VEHICLE.

• SEACRAFT: BOATS, YACHTS, CRUISERS, AND HOUSEBOATS.

• LAND VEHICLES: CARAVANS, RVS, MOTORHOMES, TRAILERS, 4X4, ETC.

• ALUMINUM SEMI-FLEXIBLE SOLAR PANEL PET LAMINATED SEMI-FLEXIBLE SOLAR PANEL

• ASSEMBLED FROM AN ALUMINUM BACK SHEET AND PET LAMINATED SOLAR CELLS.

| Model | Description | Weight Kg | Electrical data under STC (1) | | | | |
|-------------|--|------------------|-------------------------------|-------------------|-------------------|----------------------|-----------------------|
| | | | Nominal Power | Max-Power Voltage | Max-Power Current | Open-Circuit Voltage | Short-Circuit Current |
| | | | PMPP | VMPP | IMPP | VOC | ISC |
| | | | W | V | A | V | A |
| SZ-100-33MF | 12VMono-Flexible 515mm*1225mm*3mm | 3.5 | 100 | 16.7 | 5.99 | 19.7 | 6.51 |
| SZ-110-33MF | 12VMono-Flexible 515mm*1225mm*3mm | 3.5 | 110 | 16.7 | 6.59 | 19.7 | 7.09 |
| SZ-120-40MF | 12VMono-Flexible 670mm*1200mm*3mm | 4.0 | 120 | 20.02 | 6.04 | 23.75 | 6.61 |
| SZ-150-36MF | 12VMono-Flexible 670mm*1510mm*3mm | 6.2 | 150 | 18.2 | 8.24 | 21.5 | 8.77 |
| SZ-160-36MF | 12VMono0-Flexibles 670mm*1510mm*3mm | 6.2 | 160 | 18.2 | 8.79 | 21.5 | 9.31 |
| SZ-180-36MF | 12VMono-Flexible 670mm*1510mm*3mm | 6.2 | 180 | 18.2 | 9.89 | 21.5 | 10.41 |

| Model | | SZ-100-33MF | SZ-110-33MF | SZ-120-40MF | SZ-150-36MF | SZ-160-36MF | SZ-180-36MF |
|-------------------------------|--|--------------------|-------------|-------------|-------------|-------------|-------------|
| Nominal Power (±3% tolerance) | | 100W | 110W | 120W | 150W | 160W | 180W |
| Cell type | | Monocrystalline | | | | | |
| Number of cells in series | | 33 | 33 | 40 | 36 | 36 | 36 |
| Connector Type | | Mc4 | | | | | |
| Output tolerance | | +3% | | | | | |
| Product warranty | | 2 years | | | | | |
| Smallest packaging unit | | 1 panel individual | | | | | |

1) STC (Standard Test Conditions): 1000 W/m, 25°C, AM (Air Mass) 1.5

Distribuitor oficial în România: Petawatt Energia

www.e-solare.com

