

Semi-flexible Photovoltaic Panels



FEATURES

- SunPower Solar Cells
- Weatherproof
- Flexible to 30°
- White or Black Background
- Plug Style Electrical Connectors

MECHANICAL

- Weight: 4.41 lbs
- Size: (inches)
56.5 x 21.26 x 0.12

ELECTRICAL

- 135 Watts
- Vmp: 24.9V
- Imp: 5.45A
- Voc: 29.5V
- Isc: 5.82A
- Temperature Coeff.
Power: -0.38%/°C
Voltage: -60.8mV/°C
Current: 2.2mA/°C
- Cell Efficiency 20.8%
- Max Power Tolerance
+/- 5%
- Number of Cells: 44
- Max System Volts
600V DC
- Connectors: TYCO
style quick connector

Energy Solutions FlexPV panels offer the highest power to weight ratio of any photovoltaic panel on the market. This high performance panel incorporates SunPower high efficiency solar cells into layers of TPT, EVA, and PET films to produce a panel that is lightweight, flexible, durable and resistant to UV and environmental elements. In addition to the high quality components, the FlexPV panels are supplied with industry standard plug style connections which require no external tools for assembly or disassembly. These panels are attached to the Apollo MMX dual axis solar tracking system using industrial Velcro. This means of attachment allows for quick setup and

takedown. It also allows the panels to be easily removed from the tracking system when predictable weather events are eminent. The FlexPV plastic encapsulation allows the panel to shed heat from both the top surface and the bottom surface of the panel thereby lowering the cell temperature. Lowering the panel temperature increases the panel efficiency. In order protect the FlexPV panels during transport, Energy Solutions offers a blow molded plastic case. Each transport case can accommodate eight FlexPV panels (enough for one Apollo MMX tracker).

