

110-WS-25SP-50 Solar Panel, 50W

The **110-WS-25SP-50 Solar Panel** is suitable for use in challenging environments. The rugged aluminum frame is attached to a variable-angle bracket that mounts to a mast or tower. A fully-encapsulated regulator is pre-wired to the panel, providing up to 3 Amps of current ideal for charging 12 volt batteries. The 20' (6.1 meter) cable includes a 2-pin quick-connect plug designed for easy connection to NovaLynx logger systems.



50W Solar Panel
(Mounting hardware not shown)

Features

- Compact design using polycrystalline silicon cells
- Integrated charge regulator
- Double-arm side of pole/wall mount
- Adjustable tilt angle 0° to 90°
- Heavy-duty cable with quick-connect plug

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| Panel output | 50 Watt maximum @ 1000 W/m ² and 25 °C |
| Panel design | Polycrystalline silicon cells encapsulated with ethyl vinyl acetate for UV protection. Heavy-duty anodized aluminum frame. |
| Panel dimensions | 26.57" W x 21.02" H x 1.18" D (675 x 534 x 30 mm) |
| Regulator output | 3000 mA (max) @ 14.3 Vdc |
| Regulator design | Fully encapsulated, 100% solid state switching regulator with reverse leakage protection, lightning protection, input noise suppression, and low power consumption. Prevents overcharging. |
| Regulator dimensions | 4.7" W x 2.55" H x 1.5 D (11.94 x 6.48 x 3.81 cm) |
| Regulator mounting | Regulator is bolted to the back frame of the solar panel and pre-wired |
| Indicator LED | Red LED indicates charging. |
| Cable | 2-Conductor, 18 AWG, shielded, sunlight resistant, 20 feet (6.1 m) |
| Connector | 2-pin quick-connect plug (standard) |
| Mounting | Double arm side of pole / Wall mount (U-Bolts not included) |
| Tilt angle | 0° to 90° |
| Overall dimensions | 30" W x 22" H x 6" D (76 x 56 x 15 cm) |
| Shipping Weight | 31.5 lbs (14.5 kg) |

Ordering Information

110-WS-25SP-50 Solar Panel, 3000 mA, 12 Vdc, with 20' (6.1 m) cable

Additional cable – specify at the time of order

330-0218DB Cable, 2-conductor, 18 AWG, shielded, sunlight resistant