



Universal
Solar

Photovoltaic Module WXS250P6-US



Specification

| | |
|------------------------------|-----------------------------------|
| Cell Type | Poly-Crystalline Silicon |
| Cell Size | 156mmx156mm (6.14x6.14in) |
| No. of cells and connections | 60 (6x10) |
| Dimension of module(mm) | 1640x992x38mm (64.57x39.06x1.5in) |
| Weight | 18.5Kg (40.8lbs) |
| Power Tolerance | +/- 3% |

Electrical Characteristics

| | |
|--|---|
| Model | WXS250P6-US |
| Maximum power at STC(P _m) | 250W |
| PTC | 229.08W |
| Open-circuit voltage(V _{oc}) | 37.33V |
| Short-circuit current(I _{sc}) | 8.69A |
| Voltage at P _{max} (V _{mp}) | 30.34V |
| Current at P _{max} (I _{mp}) | 8.24A |
| STC: Irradiance 1000W/m ² , 25°C, AM1.5 | PTC: Irradiance 1000W/m ² , 20°C, 1m/s windspeed |

Limits

| | |
|------------------------|----------------------------------|
| Fuse rating | 15A |
| Maximum system voltage | 1000VDC (IEC) |
| Operating temperature | -40°F to +185°F (-40°C to +85°C) |

Temperature and Coefficients

| | |
|-------------------------------------|---------------|
| NOCT | 45°C +/- 2°C |
| Temp coefficient of V _{oc} | -.318% (± 5%) |
| Temp coefficient of I _{sc} | .042% (± 5%) |
| Temp coefficient of power | -.40% (± 5%) |

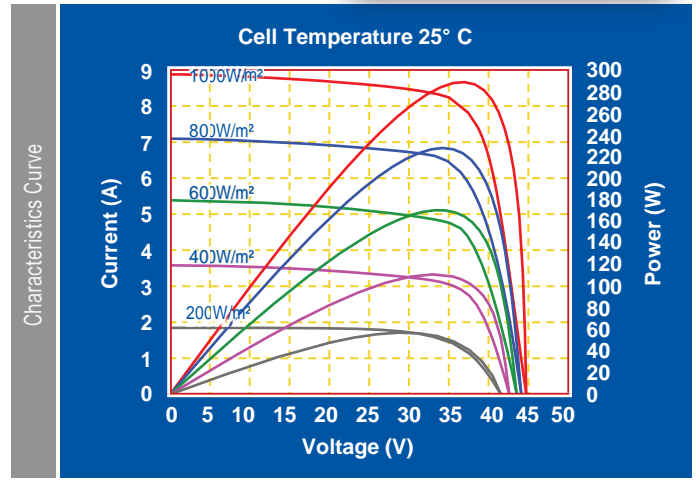
NOCT: Nominal Operation Cell Temperature

Output

| | |
|-------------------------|-------------------|
| Type of output terminal | IP65 Junction Box |
| Cable | 12AWG PV Wire |
| Cable lengths | 1000mm (39.37in) |
| Connector | MC4 |

Warranty

| | |
|---------------------------|----------|
| Workmanship and Materials | 5 Years |
| 90% Power | 10 Years |
| 80% Power | 25 Years |



Mechanical Characteristics

