



Universal Solar

Photovoltaic Module WXS250P6-US



Specifications

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(Pm)	250W
PTC	229.08W
Open-circuit voltage(Voc)	37.33V
Short-circuit current(Isc)	8.69A
Voltage at Pmax(Vmp)	30.34V
Current at Pmax(Imp)	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 Voc	-.318% (± 5%)
Temp coefficient of Isc	.042% (± 5%)
Temp coefficient of power	-.40% (± 5%)

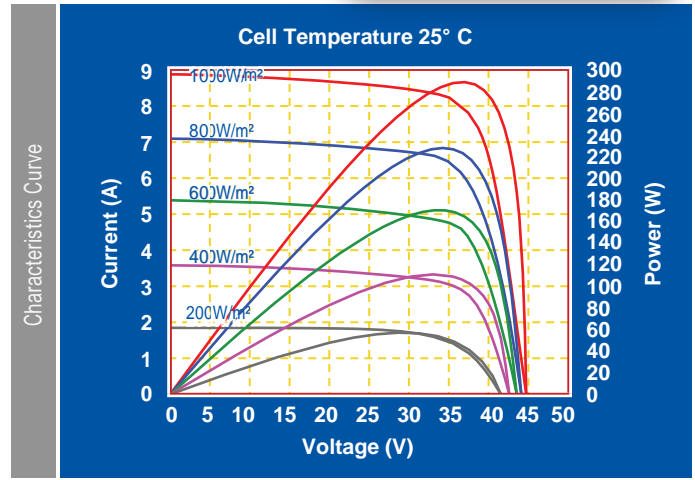
NOCT: Nominal Operation Cell Temperature

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

