

Alpen Steel | Renewable Energy

Alpen Steel

Multicrystalline 110/12

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ELECTRICAL CHARACTERISTIC	: AS-110/12
Maximum power (Pmax)	: 110W
Voltage at Pmax (Vmp)	: 17.2V
Current at Pmax	: 6.4A
Open-circuit voltage (Voc)	: 21.6V
Short-Circuit current (Isc)	: 7.08A
Temperature coefficient of Voc	: (0.065±0.015)%/ °C
Temperature coefficient of Isc	: -(80±10)mV/°C
Temperature coefficient of power	: -(0.5±0.05)%/ °C
NOCT (Air 20c, Sun 0.8kW/m)	: 47±2°C
Operating Temperature	: -40°C to 85°C
Maximum system voltage	: 600V DC
Power tolerance	: ± 5%

*STC: Irradiance 1000W/m, AM1.5 spectrum, module temperature 25 C

SPECIFICATION	AS-110/12
Cells	: Multicrystalline silicon solar cell
No. of cells and connections	: 36(4X9)
Module Dimension	: 1382mm[54.41in.]x672mm[26.46in.]x40mm[1.58in.]
Weight	: 11.1kg[4.47lbs]

* Specifications are subject to change without notice at any time.

[Vendor Information](#)