

## Alpen Steel | Renewable Energy

*Alpen Steel*

### Multicrystalline 120/12

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<b>ELECTRICAL CHARACTERISTIC</b>	<b>: AS-120/12</b>
Maximum power (Pmax)	: 120W
Voltage at Pmax (Vmp)	: 17.2V
Current at Pmax	: 6.98A
Open-circuit voltage (Voc)	: 21.6V
Short-Circuit current (Isc)	: 7.72A
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

<b>SPECIFICATION</b>	<b>AS-120/12</b>
Cells	: Multicrystalline silicon solar cell
No. of cells and connections	: 36(4X9)
Module Dimension	: 1499mm[59.02in.]x672mm[26.46in.]x40mm[1.58in.]
Weight	: 11.65kg[25.68lbs]

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

[Vendor Information](#)