

NPA100-12H

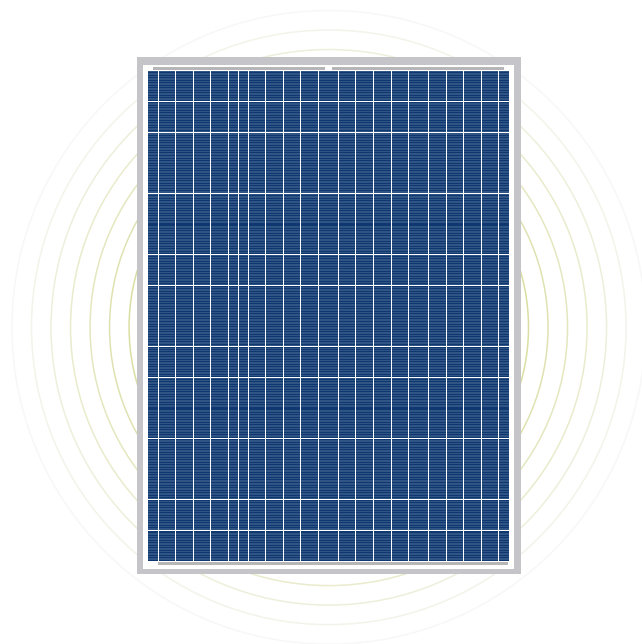
Multi-Purpose Module



ELECTRICAL CHARACTERISTICS

Type	NPA100-12H
Power Output[W]	100W
Voltage MPP Vmp[V]	17.0V
Current MPP Imp[A]	5.89A
Voltage Open Circuit Voc[V]	20.23V
Short Circuit Current Isc[A]	6.25A
Temperature Coefficient Of Voc	-[80±10]mV/°C
Temperature Coefficient Of Isc	[0.065±0.015]%/°C
Temperature Coefficient Of Power	-[0.5±0.05]%/°C
NOCT (Air 20°C; Sun 0.8kW/m² wind 1m/s)	47±2°C

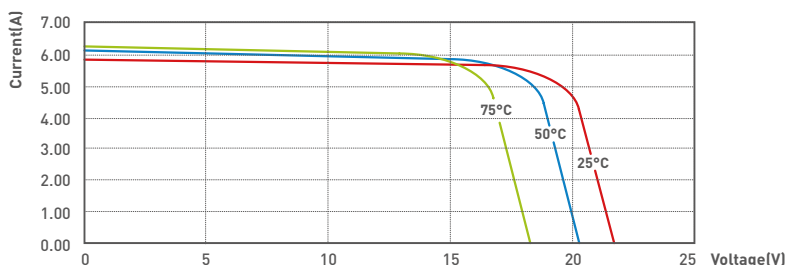
STC: 1000W/m² Irradiance, 25°C module temperature, AM1.5g spectrum according to EN 60904-3



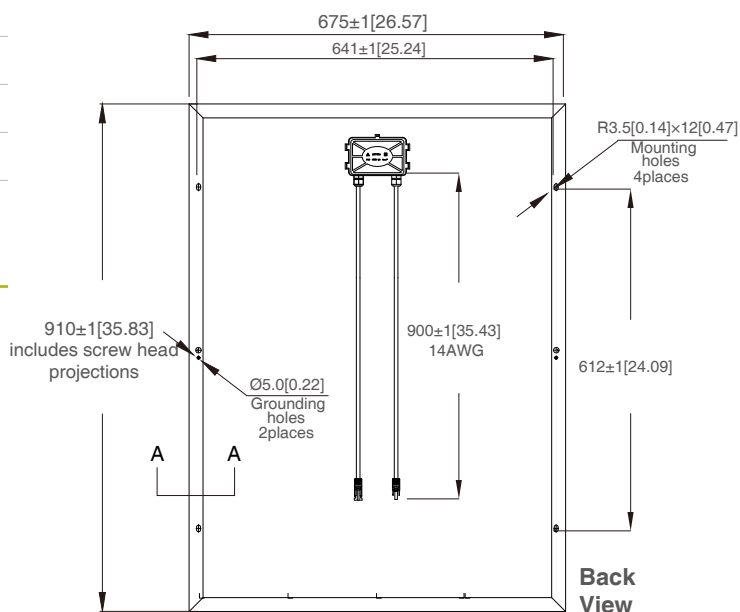
MECHANICAL CHARACTERISTICS

Cells	Polycrystalline Silicon
Solar Cells Grade	Class A High Efficiency
Module Dimension[mm/in.]	910[35.83]x675[26.57]x30[1.18]
Weight[kg/lbs]	7.00[15.43]
Packing Information[mm/in.]	1065[41.93]x727[28.62]x57[2.24]/(1pc/ctn)

I-V CURVES (Irradiance: AM1.5, 1km/m²)



*Specifications subject to technical changes and tests.
NEWPOWA reserves the right of final interpretation.



Dimensions in brackets are in inches.
Un-bracketed dimensions are in millimeters.
Unit: mm[in.]



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