

NPA20S-12H

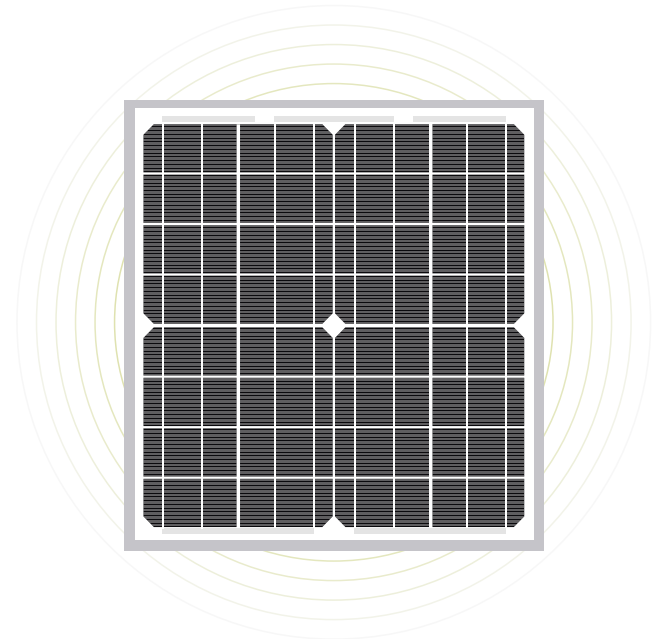
Monocrystalline Module



ELECTRICAL CHARACTERISTICS

Type	NPA20S-12H
Power Output(W)	20W
Voltage MPP Vmp(V)	17.2V
Current MPP Imp(A)	1.16A
Voltage Open Circuit Voc(V)	20.47V
Short Circuit Current Isc(A)	1.23A
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

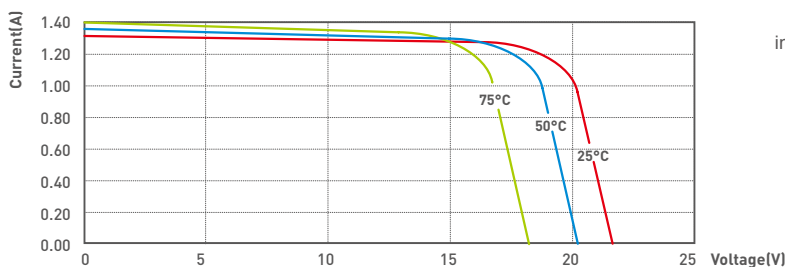
STC: 1000W/m² Irradiance, 25°C module temperature, AM1.5g spectrum according to EN 60904-3



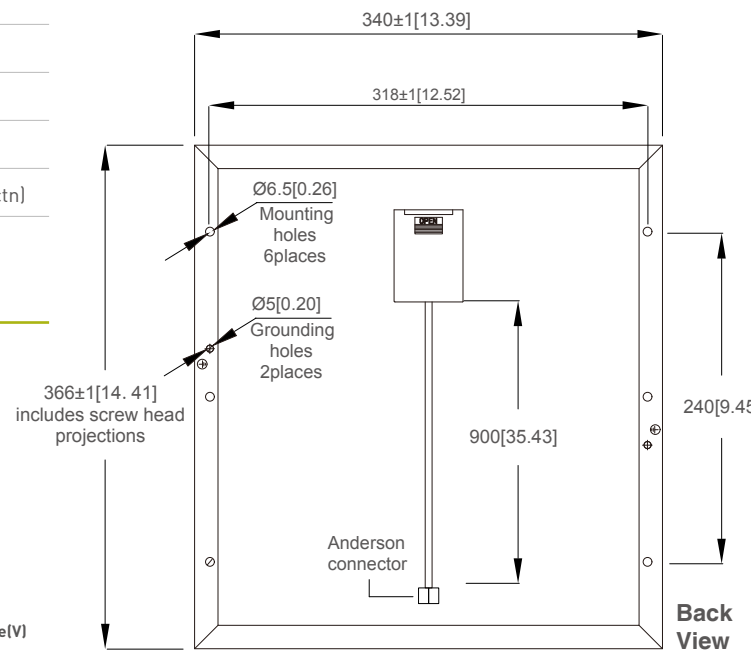
MECHANICAL CHARACTERISTICS

Cells	Monocrystalline Silicon
Solar Cells Grade	Class A High Efficiency
Module Dimension(mm/in.)	366[14.41]x340[13.39]x23[0.91]
Weight(kg/lbs)	1.50[3.31]
Packing Information(mm/in.)	380[14.96]x348[13.70]x30[1.18]/(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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