

NPA175S-12H

Monocrystalline Module

ELECTRICAL CHARACTERISTICS

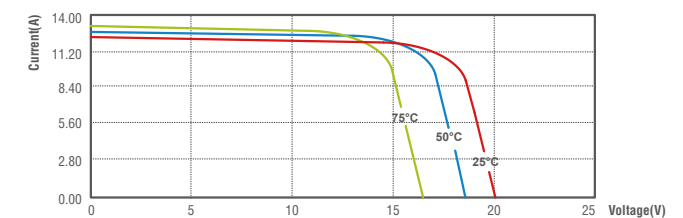
Type	NPA175S-12H
Power Output(W)	175W
Voltage MPP Vmp(V)	17.0V
Current MPP Imp(A)	10.29A
Voltage Open Circuit Voc(V)	20.23V
Short Circuit Current Isc(A)	10.89A
Temperature Coefficient Of Voc	$-(80 \pm 10)\text{mV}/^\circ\text{C}$
Temperature Coefficient Of Isc	$(0.065 \pm 0.015)\%/^\circ\text{C}$
Temperature Coefficient Of Power	$-(0.5 \pm 0.05)\%/^\circ\text{C}$
NOCT (Air 20°C; Sun 0.8kW/m ² wind 1m/s)	47±2°C

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

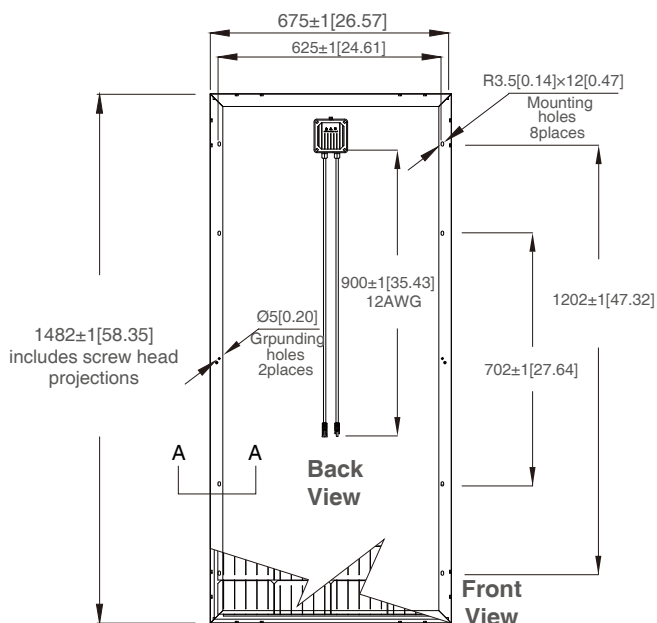
MECHANICAL CHARACTERISTICS

Cells	Monocrystalline Silicon
Solar Cells Grade	Class A High Efficiency
Module Dimension(mm/in.)	1482[58.35]x675[26.57]x35[1.38]
Weight(kg/lbs)	11.5[25.35]
Packing Information(mm/in.)	1535[60.43]x727[28.62]x63[2.48]/(1pc/ctn)

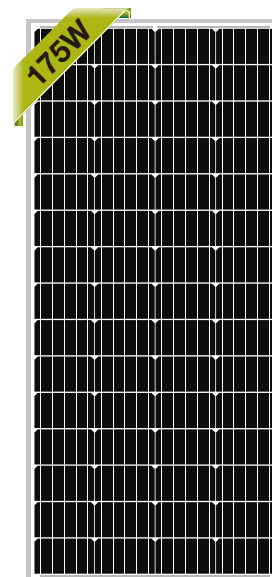
I-V CURVES (Irradiance: AM1.5, 1km/m²)



MODULE DIAGRAM



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



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