

# NPA20S-12H

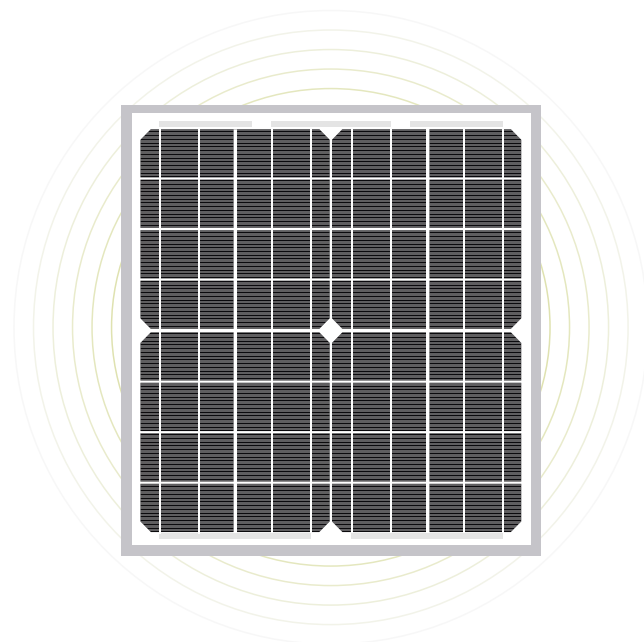
## Monocrystalline Module



### 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/m <sup>2</sup> wind 1m/s)	47±2°C

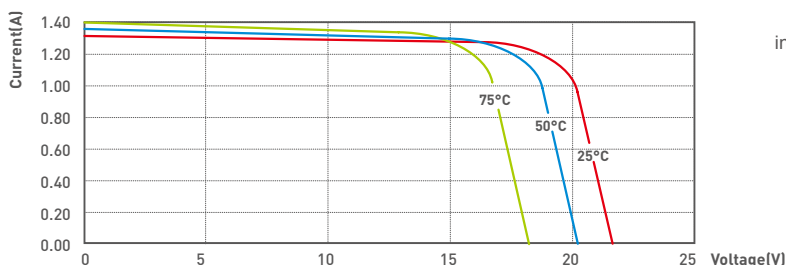
STC: 1000W/m<sup>2</sup> Irradiance, 25°C module temperature, AM1.5g spectrum according to EN 60904-3



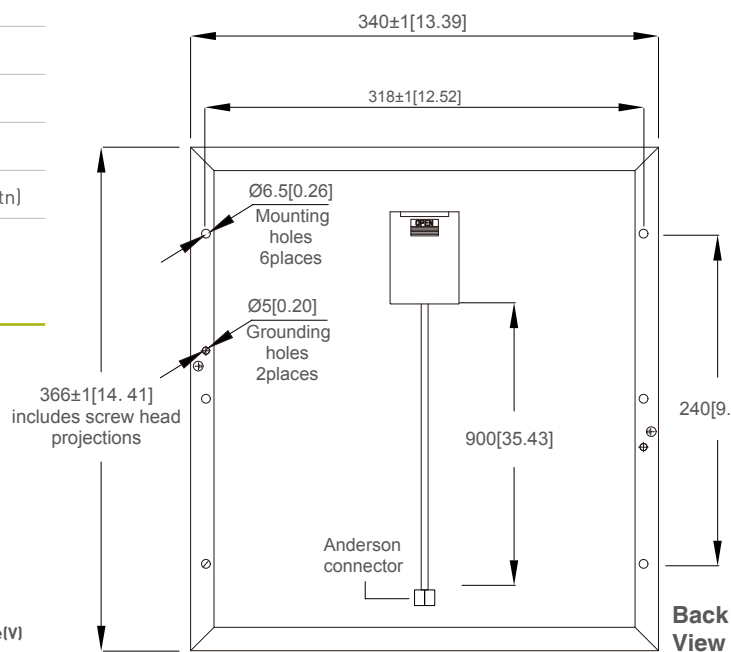
### MECHANICAL CHARACTERISTICS

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/m<sup>2</sup>)



\*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.]



702-628-7600



sales@newpowa.com



www.newpowa.com



1460 E Cedar St, Ontario, CA 91761

