

NPA200S-24I

Monocrystalline Module

64 Cell

Monocrystalline Module

200W

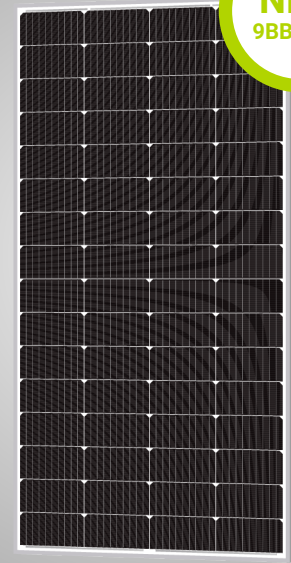
Power Output

22.9%

Maximum Efficiency

5%

Positive Tolerance



9BB Solar Cells

Multi-Busbar M6 Mono Half-Cell uplifted with PERC technology to guarantee higher output power and up to 22.9% maximum module efficiency.



Extreme Climate Resistance

Rugged design that withstands 1.375" diameter hailstones, snow loads up to 5400 Pa positive load and winds up to 2400 Pa negative load.



Efficient Sorting Process

Standardized cell efficiency testing to identify and mitigate against damaged, color-deviating, or chipped cells to ensure optimal PV output.



Highly Reliable

Highly adaptable to temperatures below 0°F to 149°F with robust encapsulation and diffusion barriers that provide long term protection against PID damage.

Product Certificate

IEC 61215, IEC 61730

Mangement Certificate

ISO 9001: 2016

Other certificate

Fire Rating Class C, TÜV Rheinland

Positive mechanical load

>5400Pa

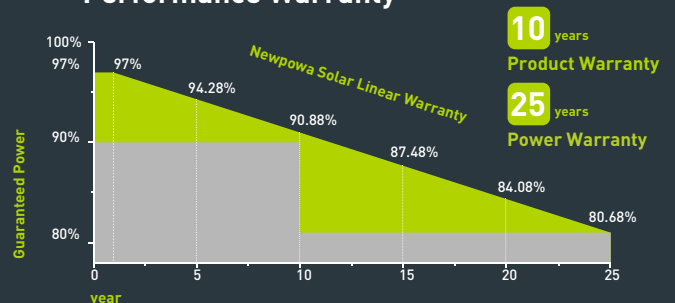
Positive Power Tolerance

0~+5W

Warranty

25-year Linear Power Warranty

Performance Warranty



ELECTRICAL CHARACTERISTICS

Type	NPA200S-12I
Power Output(W)	200W
Voltage MPP Vmp(V)	37.20V
Current MPP Imp(A)	5.38A
Voltage Open Circuit Voc(V)	46.60V
Short Circuit Current Isc(A)	5.74A
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 ² wind 1m/s)	47±2°C

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

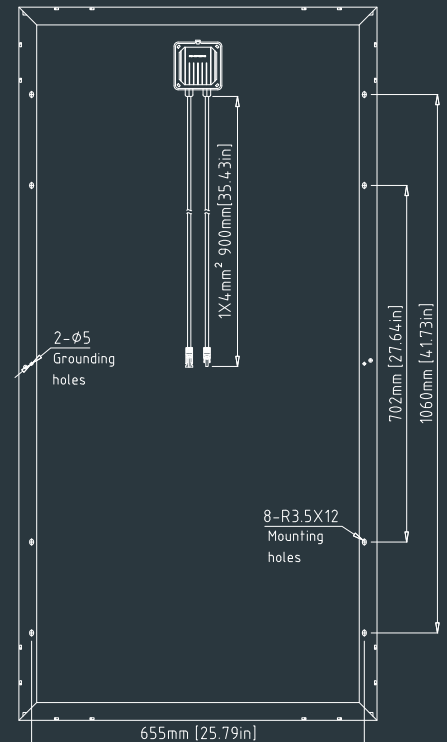
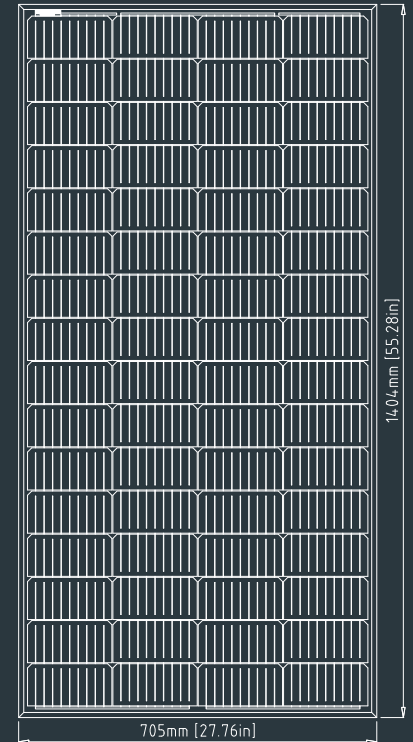
MECHANICAL CHARACTERISTICS

Cells	Monocrystalline Silicon
Solar Cells Grade	Class A High Efficiency
Module Dimension(mm/in.)	1404[55.28]x705[27.76]x35[1.18]
Weight(kg/lbs)	10.94[24.12]
Packing Information(mm/in.)	1444[56.85]x745[29.33]x65[2.56]/(1pc/ctn)

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



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



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