

PU570SNM102

Rated Power 570W



N-Type MBB Cell

New circuit design N-type cells, can increase the output power of 10W~20W



Low Light Features

Higher performance under low light environment.



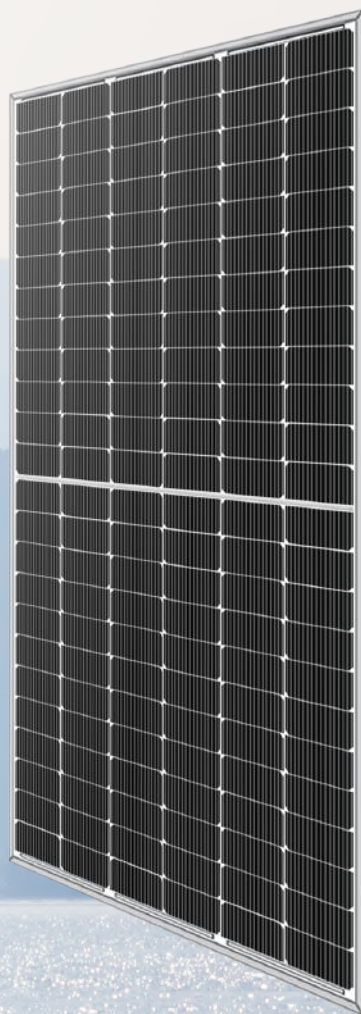
Higher Output Power

Module adopts 182*199mm half cells, the maximum power can reach 570W.



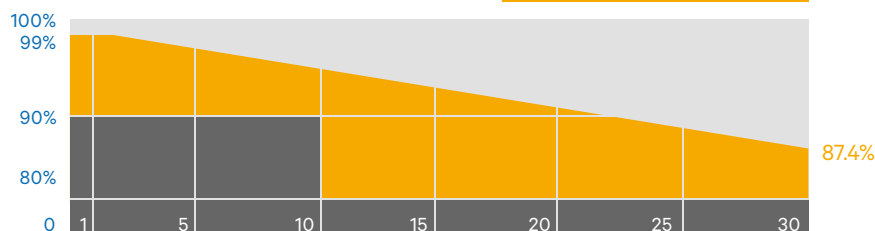
Load Capacity

Mechanical load tests including wind load 2400 Pa and snow load 5400 Pa done by TUV Nord.



■ Pulling N-Type Linear Power Warranty ■ Industry Warranty

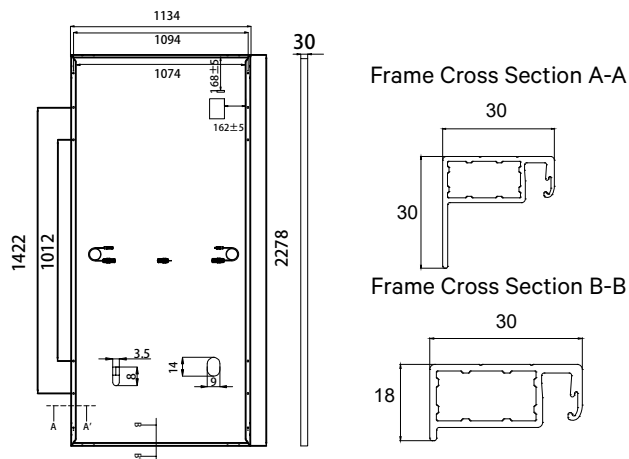
0.4% Annual Degradation over 30 years



CERTIFICATES



MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	27kg
Dimensions	2278mm*1134mm*30mm
Cell Dimensions	182*199mm
Cell type	Mono Si
Front glass	3.2mm, Heat Strengthened Glass
Cell Amount	66*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm ² , N 1400mm/P 1400mm for Horizontal installation 4mm ² , N 300mm/P 300mm for Vertical installation
Connector	MC4 compatible
Code	EX 615

ELECTRICAL PARAMETERS AT STC

Power	570W
Open Circuit Voltage	47.82V
Short Circuit Current	15.12A
Maximum Power Voltage	39.91V
Maximum Power Current	14.28A
Module Efficiency	22.1%

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

ELECTRICAL PARAMETERS AT NMOT

Power	429W
Open Circuit Voltage	45.44V
Short Circuit Current	12.13A
Maximum Power Voltage	37.24V
Maximum Power Current	11.52A

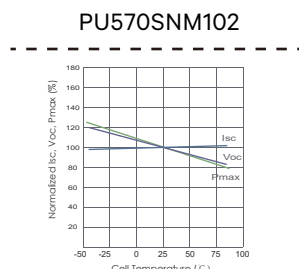
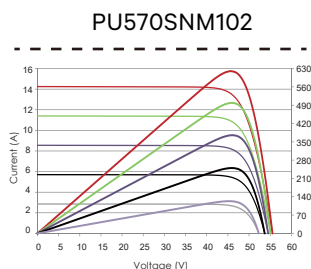
TEMPERATURE CHARACTERISTICS

NMOT	41±3°C	Temp Coefficient of ISC	+0.046%/°C
Temp Coefficient of VOC	-0.25%/°C	Temp Coefficient of Pmax	-0.30%/°C

PACKING CONFIGURATION

Modules/Pallet	36 Pieces	Modules/40'Container	720 Pieces
Packing Description	20 Pallets, Total=(36+36)x10=720 Pieces		

CHARACTERISTICS



MAXIMUM RATING

Output Tolerance	0~+5W
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa
Fuse Current	25A

15 years product warranty
30 years power warranty