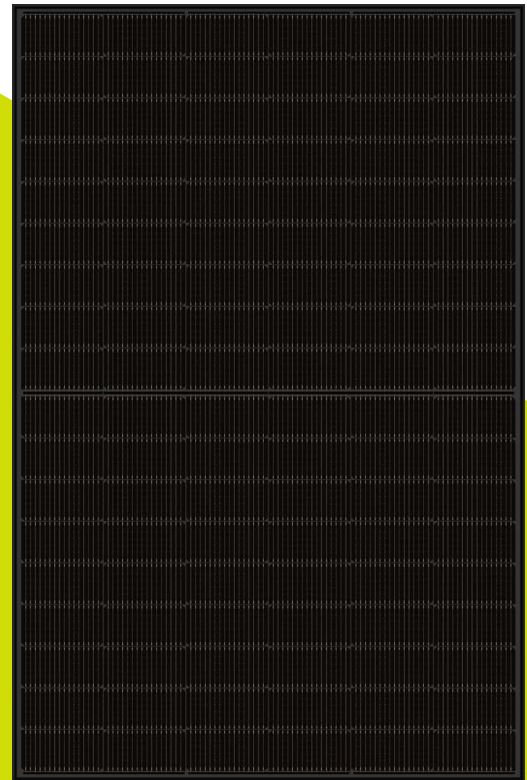


N Type
Monofacial Module (Full Black)
SL-108NA-425

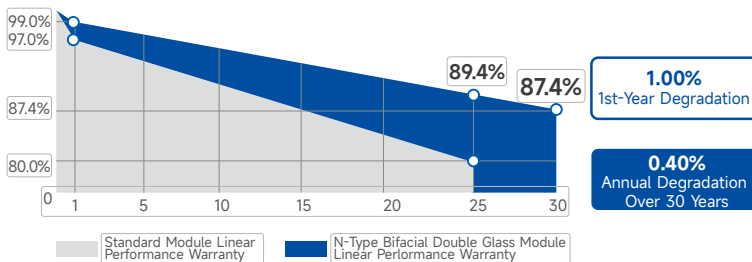
425W

Key Features

- Excellent Anti-PID performance
- Leading module efficiency in industry, up to 21.76%
- Excellent wind and snow loads up to 5400Pa under specific installation methods
- Lower current, higher power generation, lower risk of hot spots
- Excellent low irradiation performance
- 12-year product quality warranty, 30-year linear output power warranty



Maximum Power Output	Maximum Module Efficiency	Power Output Tolerance
425W	21.76%	0~+5W



Product and Quality Certifications

IEC 61215, IEC 61730

ISO 9001:2015: ISO Quality Management System Certification

ISO 14001:2015: ISO Environmental management system certification

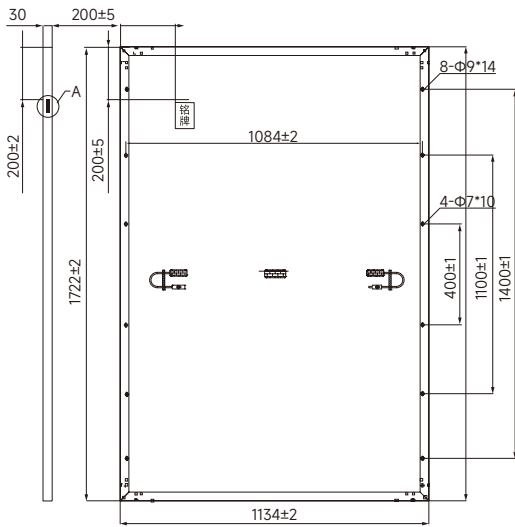
ISO 45001:2018: Occupational Health and Safety Management System Certification



Leading product and power warranty

1.00% 1st-year Degradation 0.40% Annual Degradation 12 Years Material and workmanship Warranty 30 Years Linear power warranty

Engineering Drawing (mm)



Electrical Parameters (STC*)

Nominal Max. Power(Pmax/W)	425
Open Circuit Voltage(Voc/V)	37.83
Short Circuit Current(Isc/A)	14.05
Operating Voltage(Vmp/V)	31.94
Operating Current(Imp/A)	13.31
Efficiency(%)	21.76

STC*: Irradiance=1000 W/m², Cell Temperature=25°C, AM=1.5
Test condition is based on the front side

Electrical Parameters (NMOT*)

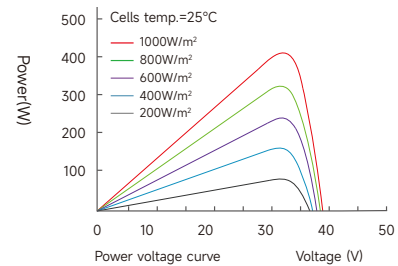
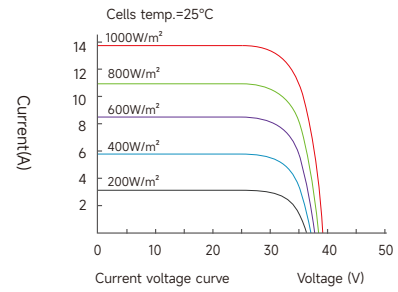
Nominal Max. Power(Pmax/W)	320
Open Circuit Voltage(Voc/V)	35.35
Short Circuit Current(Isc/A)	11.32
Operating Voltage(Vmp/V)	29.83
Operating Current(Imp/A)	10.73

NMOT*: Irradiance=800 W/m², Ambient Temperature=20°C, AM=1.5, Wind Speed=1m/s

Operating Parameters

Max. System Voltage	DC1500V
Power Tolerance	0~+5W
Operating Temperature	-40°C~+85°C
Max. Fuse Rated Current	25A

Characteristic Curves



Mechanical Parameters

Cell Type	N Type
Module Size	1722×1134×30mm
Glass Thickness	3.2mm
Module Weight	21.5kg
Output Cable	4mm ² , cable length 1200mm
Connector	MC4 compatible
Junction Box	IP68, 3 bypass diodes
Frame	Anodized aluminium alloy (Black)
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa

Temperature Coefficients

Short Circuit Current(Isc)	0.050%/°C
Open Circuit Voltage(Voc)	-0.263%/°C
Nominal Max. Power(Pmax)	-0.343%/°C
Nominal operating battery temperature	45±2°C
Safety level	Class II
Fire rating	Class C

Packing Data

36 pieces per pallet	936 pcs per 40'HC
----------------------	-------------------