



SOLAR PLUS

CNO

Source from Japanese Project

N-TYPE Bifacial 435W



**HIGHER
EFFICIENCY**



**LOWER TEMPERATURE
COEFFICIENT**



**LOW ATTENUATION,
LONG LIFETIME**



**HIGHER
BIFACIALITY**

CERTIFICATION



- ISO 9001: 2015/quality management system
- ISO 14001: 2015/environment management system
- ISO 45001: 2018/occupation health safety management system

435W **CNO**

ELECTRICAL CHARACTERISTICS (STC)

Maximum Power (Pm)	W	435
Power Tolerance	W	0~+5
Maximum Power Voltage (V _m)	V	32.61
Maximum Power Current (I _m)	A	13.34
Open Circuit Voltage (V _{oc})	V	39.80
Short Circuit Current (I _{sc})	A	13.92
Module Efficiency (η _m)	%	22.43

STC: AM=1.5, irradiance=1000W/m², module temperature=25°C

ELECTRICAL CHARACTERISTICS (NMOT)

Maximum Power (Pm)	W	327
Maximum Power Voltage (V _m)	V	30.33
Maximum Power Current (I _m)	A	10.77
Open Circuit Voltage (V _{oc})	V	37.41
Short Circuit Current (I _{sc})	A	11.28

NMOT: irradiance=800W/m², environment temperature=20°C, wind speed=1m/s

MECHANICAL SPECIFICATIONS

External Dimension (L×W×H)	1710×1134×30mm	
Weight	24.5kg	
Number of Cells	108 (6x18)	
Glass	2mm+2mm, High Transmission, Low Iron, Semi-tempered glass	
Frame	Anodized aluminum alloy	
Junction Box	IP68	
Output Cables	+600 mm, -600mm(customized)	
Connector	MC4 Compatible	

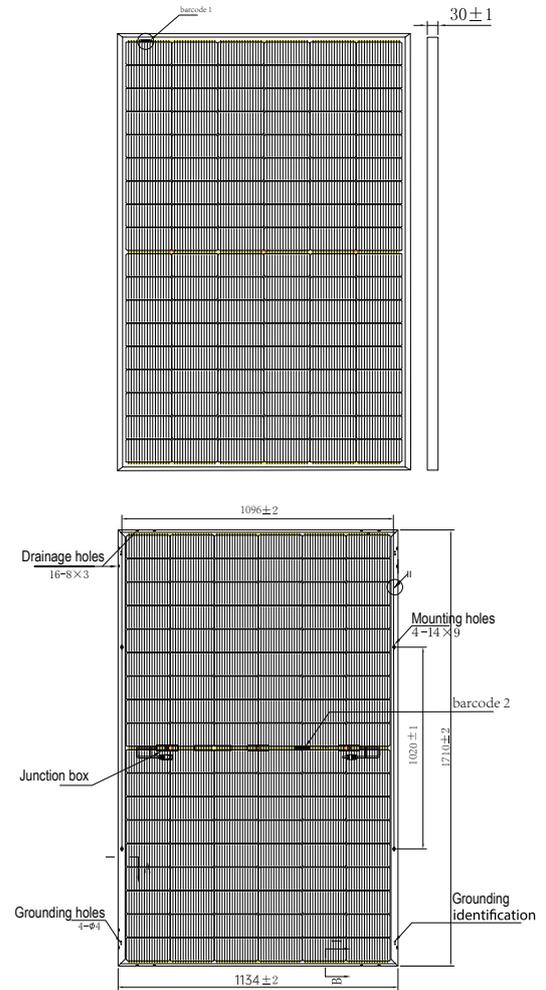
APPLICATION CONDITIONS

Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	25A
Operating Temperature	-40°C ~ +85°C
Mechanical Load	5400Pa/2400Pa
Hail Test	25mm diameter hail at 23m/s
Bifaciality	80±5%
Application Rating	Class A

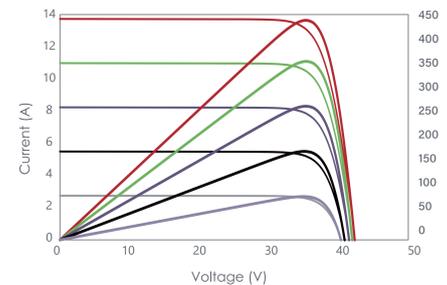
TEMP CHARACTERISTICS

Nominal Module Operating Temperature	45±2°C
Temperature Coefficient of P _{max}	-0.29%/°C
Temperature Coefficient of V _{oc}	-0.25%/°C
Temperature Coefficient of I _{sc}	+0.045%/°C

TECHNICAL DRAWING



I-V CURVE



PACKING CONFIGURATION

Container	40'HC
Pallets per Container	26 pcs
Pieces per Container	936 pcs



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