



SOLAR PLUS

CN4

Source from Japanese Project

N-TYPE Bifacial 620&625W

**STEEL
FRAME**

-  **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

620&625W CN4

ELECTRICAL CHARACTERISTICS (STC)

Maximum Power (Pm)	W	620	625
Power Tolerance	W	0~+5	
Maximum Power Voltage (V _m)	V	47.88	48.04
Maximum Power Current (I _m)	A	12.95	13.01
Open Circuit Voltage (V _{oc})	V	55.66	55.91
Short Circuit Current (I _{sc})	A	13.55	13.60
Module Efficiency (η _m)	%	22.18	22.35

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

ELECTRICAL CHARACTERISTICS (NMOT)

Maximum Power (Pm)	W	465.7	469.5
Maximum Power Voltage (V _m)	V	44.53	44.68
Maximum Power Current (I _m)	A	10.46	10.51
Open Circuit Voltage (V _{oc})	V	52.32	52.55
Short Circuit Current (I _{sc})	A	11.50	11.54

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

MECHANICAL SPECIFICATIONS

External Dimension (L×W×H)	2465×1134×30mm
Weight	37.3kg
Number of Cells	156 (6x26)
Front Glass	2.0mm AR-coating heat-strengthened glass
Rear Glass	2.0mm heat-strengthened glass
Frame	Steel Frame, silver color
Junction Box	IP68
Output Cables	4mm ² , 300mm or customized length
Connector	MC4 Compatible

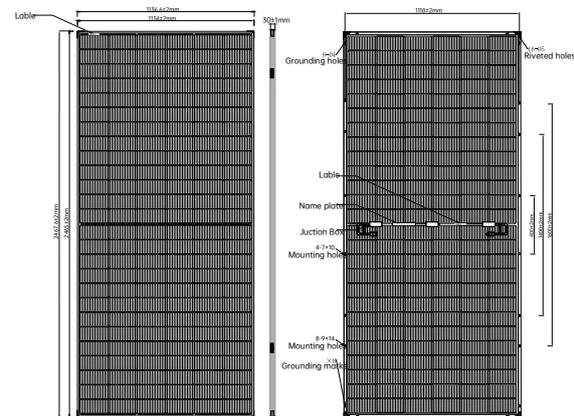
APPLICATION CONDITIONS

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

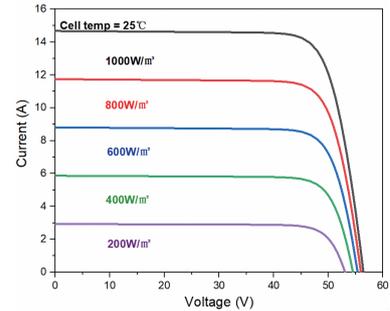
Nominal Module Operating Temperature	42±2°C
Temperature Coefficient of P _{max}	-0.29%/°C
Temperature Coefficient of V _{oc}	-0.25%/°C
Temperature Coefficient of I _{sc}	0.045%/°C

TECHNICAL DRAWING

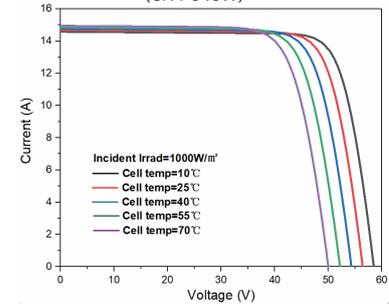


I-V CURVE

I-V characteristics at different irradiance (CN4-640W)



I-V characteristics at different temperatures (CN4-640W)



PACKING CONFIGURATION

Container	40'HC
Pieces per Pallet	36 pcs
Packaging box Size	2522×1145×1260mm
Pieces per Container	576 pcs



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