LC SOLAR



单晶硅

Mono 66 Cell

LC-66M-182*210-ND

N-Type TOPCon Dual Glass

Rated Power 610-630W

- IS09001:2015、IS014001:2015 OHSAS18001:2007 管理体系认证,
- 1EC61215-2:2016、IE0617301:2016 IEC61730-2:2016 产品认证

N-Type 182*210mm Cell
Adopting the 182*210mm N-Type TOPCon battery cells with the highest efficiency.

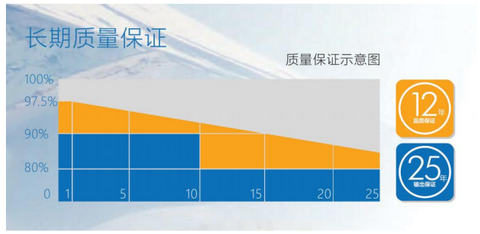
Bifacial with dual glass
Module adopts 182*210mm half cells, bifacial module provide an additional 5%~25% output.

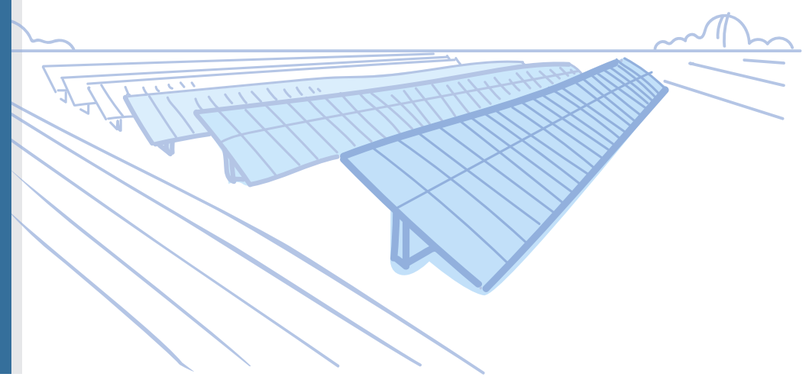
Harsh Environmental Adaptability
Strict salt spray and ammonia corrosion test by TUV Nord.

Low Light Features
Higher performance under low light environment.

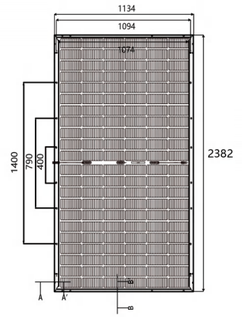
PID Protection
Ensure the attenuation probability caused by PID phenomenon is minimized.

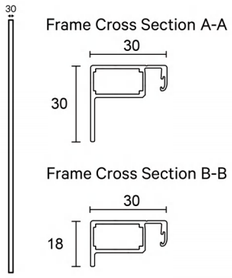
Load Capacity
Mechanical load tests including wind load 2400 Pa and snow load 5400 Pa done by TUV Nord.





• MECHANICAL DIAGRAMS





• SPECIFICATIONS

Weight	33.5kg
Dimensions	2382mm*1134mm*30mm
Cell Dimensions	182*210mm
Cell Amount	66*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Front glass	2.0mm, AntiReflection Coating
Back galss	2.0mm, Heat Strengthened Glass
Frame	Aluminum Alloy
Cable	4mm², N 1500mm/P 1500mm for Horizontal installation 4mm², N 300mm/P 300mm for Vertical installation
Connector	MC4 compatible
Bifaciality	80±5%

• ELECTRICAL PARAMETERS AT STC

Power	610W	615W	620W	625W	630W
Open Circuit Voltage	49.05V	49.35V	49.55V	49.75V	49.95V
Short Circuit Current	15.84A	15.88A	15.93A	16.00A	16.05A
Maximun Power Voltage	40.66V	40.86V	41.06V	41.26V	41.46V
Maximum Power Current	15.00A	15.05A	15.10A	15.15A	15.20A
Module Eiciency	22.58%	22.77%	22.95%	23.14%	23.32%

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

• ELECTRICAL PARAMETERS AT NMOT

Power	465W	469W	472W	476W	480W
Open Circuit Voltage	46.51V	46.81V	47.01V	47.21V	47.41V
Short Circuit Current	12.78A	12.81A	12.84A	12.88A	12.93A
Maximun Power Voltage	38.20V	38.40V	38.60V	38.80V	39.00V
Maximum Power Current	12.17A	12.21A	12.23A	12.27A	12.31A

* 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 10% BIFACIAL POWER OUTPUT)

Output Power	671W	677W	682W	688W	693W
Open Circuit Voltage	49.05V	49.35V	49.55V	49.75V	49.95V
Short Circuit Current	17.43A	17.47A	17.52A	17.57A	17.62A
Maximun Power Voltage	40.66V	40.86V	41.06V	41.26V	41.46V
Maximum Power Current	16.50A	16.57A	16.61A	16.67A	16.71A

• TEMPERATURE CHARACTERISTICS

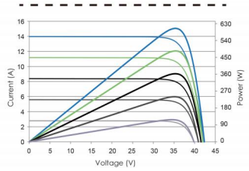
NMOT	41±3°C	Temp Coeicient of ISC	+0.046%/°C
Temp Coeicient of VOC	-0.25%/°C	Temp Coeicient of Pmax	-0.30%/°C

• PACKING CONFIGURATION

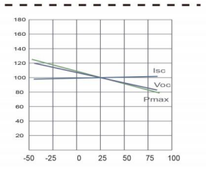
Modules/Pallet	37 Pieces	Modules/40'Container	740 Pieces
Packing Description	20 Pallets, Total=(37+37)x10=740 Pieces		

• CHARACTERISTICS

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• MAXIMUM RATING

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