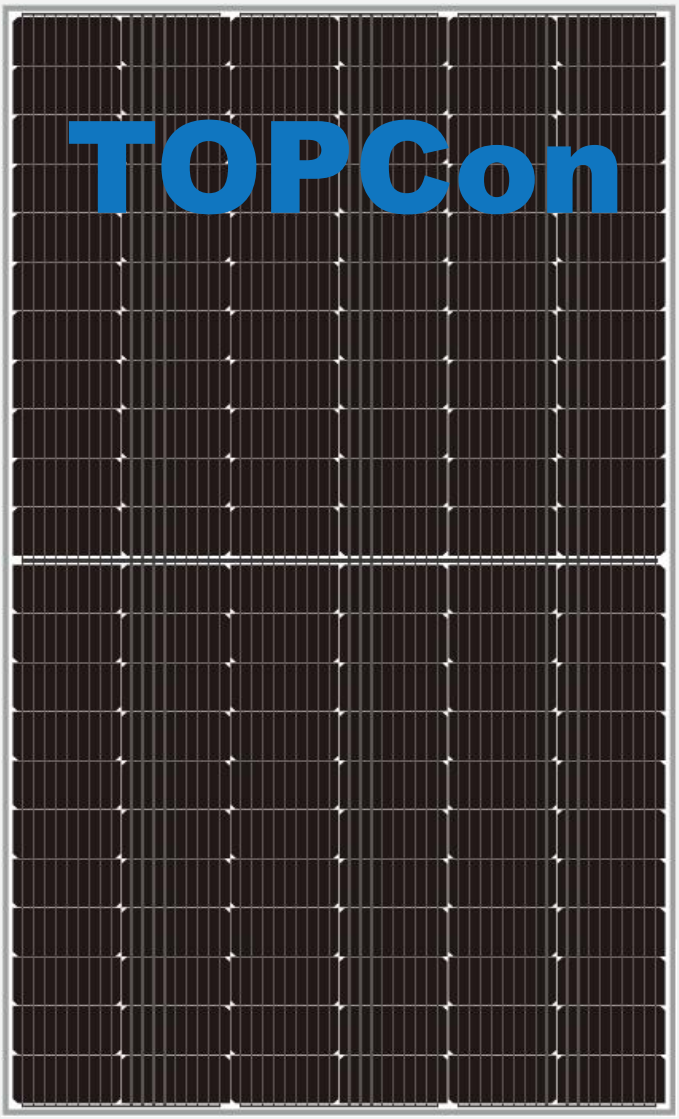
黄山银洽新能源 YinQia SOLAR

Monocrystalline Solar Module

605W-625W Mono BIFACIAL

210mm-182mm N-TOPCon Cell 132 Half-cell Layout

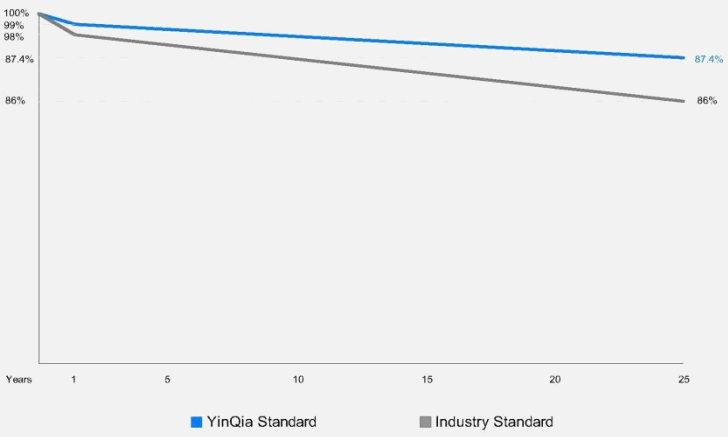


Features

- High cell efficiency with quality silicon material for long term output stability and reliability
- Rigorous quality control to meet highest international standards
- High transmittance low iron tempered glass with enhanced Stiffness and impact resistance
- Unique frame design with high mechanical strength for easy installation
- Advanced encapsulation material with multiplayer sheet lamination to provide efficient protection from the severest environmental conditions
- Outstanding electrical performance under high temperature and low irradiance conditions

Applications

- Any large or small on-grid or off-grid solar power stations
- Commercial and industrial building roof-top systems
- Residential roof-top systems
- Any commercial or industrial ground mount systems
- Other industrial or commercial applications



- ISO9001:2015QMS
- ISO14001:2015EMS
- ISO45001:2018OHSMS
- IEC/EN 61215,IEC/EN 61730 Standard

12 Years Quality Warranty

30 Years Power Warranty

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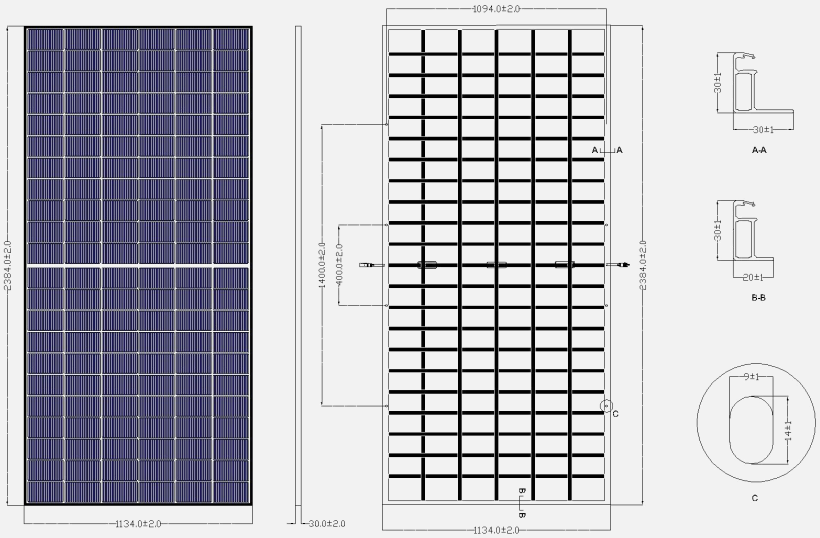
YQMono I 605W-625W BIFACIAL

MECHANICAL CHARACTERISTICS

Solar Cells	N-type Mono
NO.of Cells	132(6×22)-(182mm×105mm)
Dimensions	2384×1134×30mm
Weight	34 kg
Front Glass	2.0mm coated semi tempered
Back Glass	2.0mm semi-tempered
Junction Box	Ip68 rated(3 by pass diodes)
Output Cables	4.0 mm²
	300 mm
	Length can be customized
Connectors	Mc4 compatible
Mechanical load	5400Pa



ELECTRICAL PARAMETERS

POWER CLASS	HS605TC-MHC-D	HS610TC-MHC-D	HS615TC-MHC-D	HS620TC-MHC-D	HS625TC-MHC-D
	STC	STC	STC	STC	STC
Maximum power (Pmax)	605W	610W	615W	620W	625W
Open Circuit Voltage (Voc)	47.85V	48.04V	48.24V	48.43V	48.63V
Short Circuit Current (Isc)	15.78A	15.84A	15.90A	15.96A	16.02A
Voltage at Maximum power (Vmpp)	40.71V	40.88V	41.05V	41.22V	41.39V
Current Maximum Power (Impp)	14.86A	14.92A	14.98A	15.04A	15.10A
MODULE EFFICIENCY (%)	22.40%	22.58%	22.77%	22.95%	23.14%

STC:Irradiance 1000W/㎡,cell temperature 25℃,AM 1.5G NOCT:Irradiance 800W/㎡,ambient temperature 20℃,wind speed 1m/s,AM 1.5G

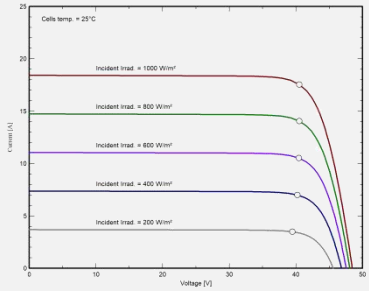
BIFACIAL OUTPUT-REARSIDE POWER GAIN

5%	Maximum power (Pmax)	635W	641W	646W	651W	656W
	Module Efficiency STC (%)	23.50%	23.69%	23.89%	24.08%	24.27%
15%	Maximum power (Pmax)	696W	702W	707W	713W	719W
	Module Efficiency STC (%)	25.74%	25.95%	26.16%	26.37%	26.59%
25%	Maximum power (Pmax)	756W	763W	769W	775W	781W
	Module Efficiency STC (%)	27.97%	28.20%	28.44%	28.67%	28.90%

PACKING CONFIGURATION

Container	40′ HQ
Pieces per pallet	36
Pallets/container	20
Piece/ container	720
Dimension/Pallet	1180×1130 mm
Gross/pallet	1065Kg

I-VCURVE



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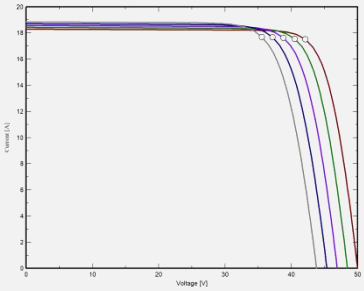

OPERATING CHARACTERISTICS

Opeating Module	-40℃ to +85℃
Maximum System Voltage	1500 DC (IEC)
Maximun Series Fuse Rating	35A
Power Tolerance	0/+5W

TEMPERATURE CHARACTERISTICS

Nominal Operating Temperature	45±2℃
Temperature Coefficient of Pmax	-0.30%℃
Temperature Coefficient of Voc	-0.25%℃
Temperature Coefficient of Isc	+0.05%℃

Note: Due to continuous technical innovation, R&D and improvement ,technical data above mentioned may be of modification accordingly.YQ SOLAR have the sole right to make such modification at anytime without further notice.