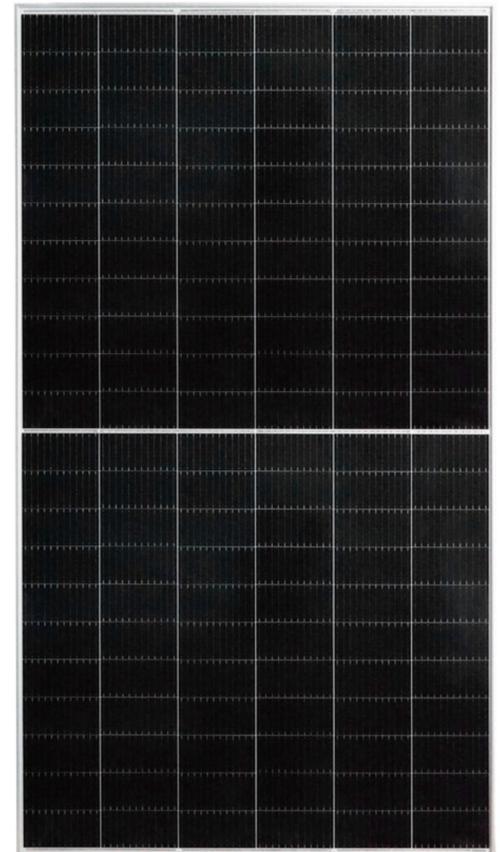


Mono 210ND 132 HALF CELLS 695-720W



HALF-CELL BIFACIAL MODULE WITH DUAL GLASS
N-TYPE TOPCON

TYPE: QS-66HDM6-XXXM



POWER OUTPUT
695-720W

MAX EFFICIENCY
23.2%

Features



High module conversion efficiency

Module efficiency up to 23.2% achieved through advanced cell technology and manufacturing process



Lower operating temperature

Lower operating temperature and temperature coefficient increases the power output



Extended wind and snow load tests

Module certified to withstand extreme wind (2400Pascal) and snow loads (5400 Pascal) *



Withstanding harsh environment

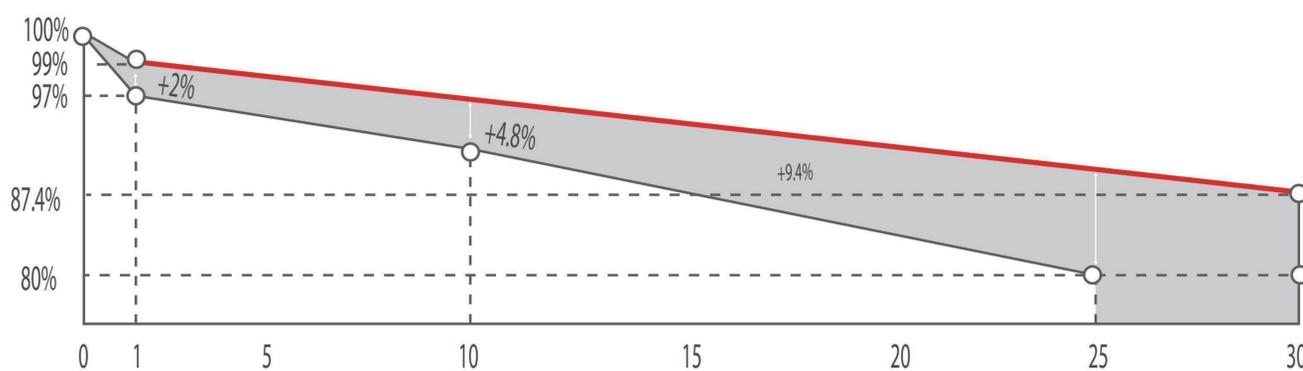
Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline



Excellent weak light performance

More power output in weak light condition, such as cloudy, morning and sunset

Industry-leading Warranty ^{**}



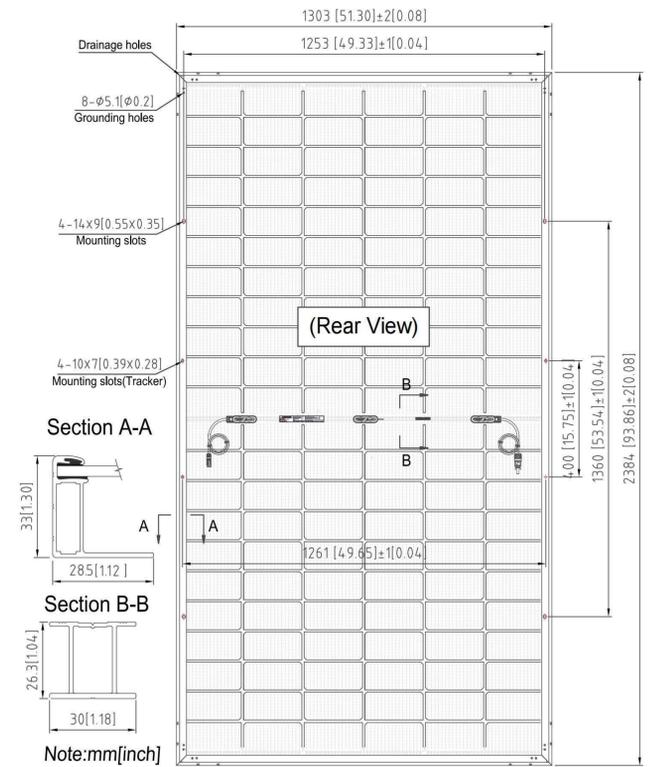
□ Conventional Module
■ Qsuper Module

- ◆ First year power degradation: 1%
- ◆ Annual degradation: 0.40%
- ◆ 30 years of linear warranty
- ◆ 15 years of product warranty

Mono 210ND 132 HALF CELLS 695-720W

Mechanical Characteristics

Solar Cell	N-type Monocrystalline silicon 210 mm
No. of Cells	132 (6 × 22)
Dimensions	2384 × 1303 × 33 mm (93.9 × 51.3 × 1.3 inches)
Weight	38.3 kgs
Front / Back Glass	High transmission, AR Coated Heat Strengthened Glass/ Heat Strengthened Glass
Output Cables	4.0 mm ² , (+) 350 mm, (-) 230mm or customized length
Junction Box	IP68 rated
Operating Module Temperature	-40 °C to +85 °C
Maximum System Voltage	1500 V DC (IEC)
Connectors	MC4/Others
Maximum Series Fuse Rating	35A
Power Tolerance	0/+5 W



Electrical Characteristics

Module Type	QS-66HDM6-720M	QS-66HDM6-715M	QS-66HDM6-710M	QS-66HDM6-705M	QS-66HDM6-700M	QS-66HDM6-695M
Testing Condition	STC	STC	STC	STC	STC	STC
Maximum Power (Pmax/W)	720	715	710	705	700	695
Optimum Operating Voltage (Vmp/V)	41.14	40.96	40.78	40.62	40.44	40.25
Optimum Operating Current (Imp/A)	17.51	17.46	17.42	17.36	17.31	17.27
Open Circuit Voltage (Voc/V)	49.13	48.94	48.75	48.57	48.39	48.20
Short Circuit Current (Isc/A)	18.61	18.56	18.51	18.45	18.40	18.35
Module Efficiency (%)	23.2	23.0	22.9	22.7	22.5	22.4

STC: Irradiance 1000 W/m², module temperature 25 °C, AM=1.5; NMOT: Irradiance 800 W/m², ambient temperature 20 °C, AM=1.5, wind speed 1 m/s; Tolerance of Pmax is within +/- 3%;

Different Rearside Power Gain

	793	788	782	777	771	765
Maximum Power at STC (Pmax)						
Optimum Operating Voltage (Vmp/V)	41.14	40.96	40.78	40.62	40.44	40.25
Optimum Operating Current (Imp/A)	19.27	19.23	19.17	19.12	19.06	19.01
Open Circuit Voltage (Voc/V)	49.13	48.94	48.75	48.57	48.39	48.20
Short Circuit Current (Isc/A)	20.35	20.30	20.24	20.19	20.12	20.05

Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	44 ± 2 °C
Temperature Coefficient of Pmax	-0.29%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.046%/°C

Packing Configuration

Container	40' HQ
Pieces per pallet	33
Pallets per container	18
Pieces per container	594
Packaging box dimensions	1320x1125x2520 mm
Packaging box weight	1315 kg

Graphs

Current-Voltage & Power-Voltage Curve(710W)

