



Mono 182N 72 HALF CELLS 270-340W

HALF-CELL BIFACIAL MODULE N-TYPE TOPCON

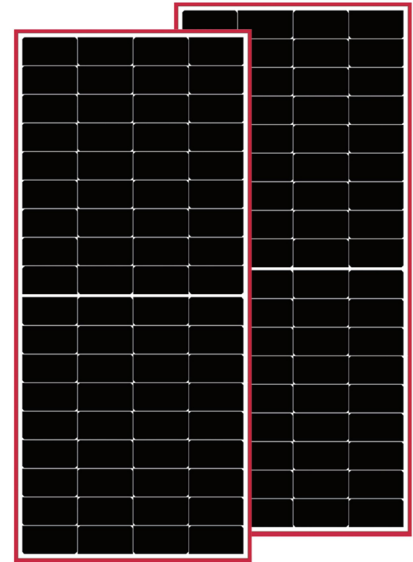
TYPE: QS-72-XXXXP

POWER OUTPUT

270-340W

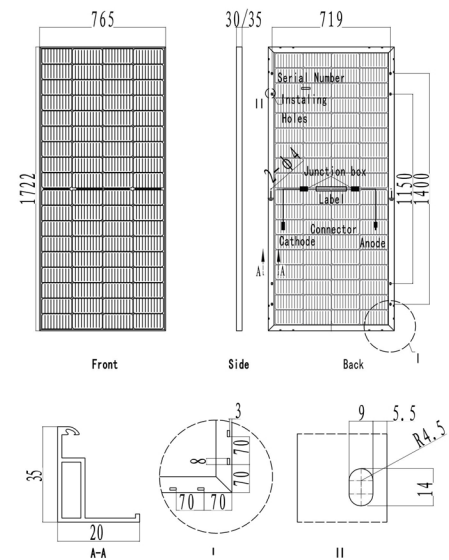
MAX EFFICIENCY

25.8%



Mechanical Characteristics

Solar Cell	Monocrystalline silicon 182mmX91mm
No. of Cells	72(4x 18)
Dimensions	1722x 765x35mm (67.8x30.12x1.38 inches)
Weight	13 kgs
Front Glass	3.2 mm (0.126 inches) fully tempered glass
Output Cables	4.0 mm ² , 300 mm in length or customized length
Junction Box	IP68 rated
Operating Module Temperature	-40 °C to +85 °C
Maximum System Voltage	1000 V DC (IEC)
Maximum Series Fuse Rating	20 A
Power Tolerance	0/+5 W



Electrical Characteristics

Module Type	QS-72-340P	QS-72-330P	QS-72-320P	QS-72-310P	QS-72-300P	QS-72-290P	QS-72-280P	QS-72-270P
Testing Condition	STC	STC	STC	STC	STC	STC	STC	STC
Maximum Power (Pmax/W)	340	330	320	310	300	290	280	270
Optimum Operating Voltage (Vmp/V)	24.42	23.92	23.56	23.2	22.8	22.1	21.7	21.3
Optimum Operating Current (Imp/A)	13.93	13.81	13.62	13.4	13.15	13.12	12.9	12.75
Open Circuit Voltage (Voc/V)	27.1	26.9	26.7	26.5	26.2	25.92	25.8	24.1
Short Circuit Current (Isc/A)	15.32	15.05	14.79	14.53	14.36	13.98	13.6	13.36
Module Efficiency (%)	25.8	25.1	24.3	23.5	22.8	22.1	21.4	20.6

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%;

Packing Configuration

Container	40' HQ
Pieces per Carton	2PCS/Carton
Carton per container	700
Pieces per container	1400
Packaging box dimensions	1732x775x80 mm
Packaging box weight	27 kg