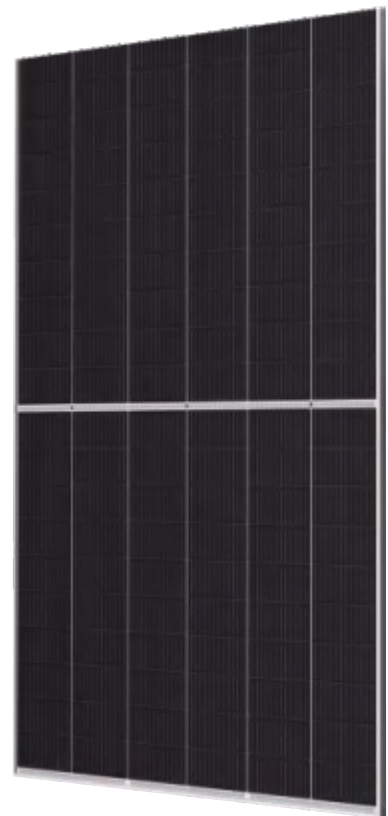


690-710W Mono

132 Half-Cell Layout

G12/210mm N-TYPE Cell



N-TYPE TOP CON Cell Technology



SMBB Half Cut Cell Technology



Bifacial Cell Module Technologies



Excellent Anti-PID Low LID Performance



Less Hot Spot Shading Effects



Higher Power Output Lower BOS & LCOE

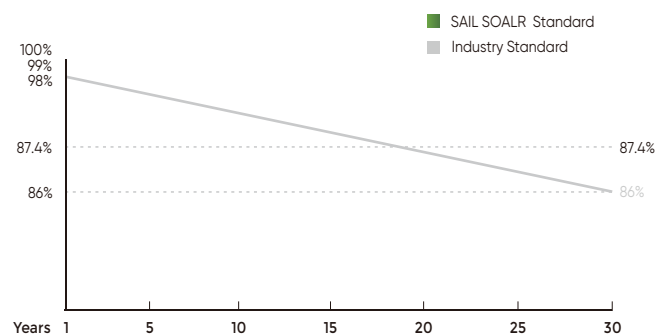
- ISO9001:2015QMS
- ISO14001:2015 EMS
- ISO45001:2018 OHSMS
- IEC61215/IEC61730 Standard Quality
- IEC61701/IEC62716 Salt/Mist/Ammonia Tests



30
years
POWER WARRANTY

15
years
PRODUCT WARRANTY

Linear Performance Warranty



SAIL SOLAR Mono I 690-710W

ELECTRICAL PARAMETERS

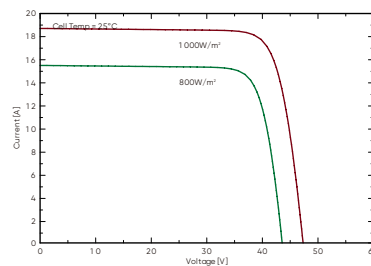
POWER CLASS	SAS690N-132G12	SAS695N-132G12	SAS700N-132G12	SAS705N-132G12	SAS710N-132G12
	STC	STC	STC	STC	STC
Maximum power (Pmax)	690W	695W	700W	705W	710W
Open Circuit Voltage (Voc)	47.17V	47.32V	47.46V	47.60V	47.74V
Short Circuit Current (Isc)	18.74A	18.81A	18.88A	18.95A	19.04A
Voltage at Maximum power (Vmpp)	39.61V	39.76V	39.91V	40.06V	40.21V
Current Maximum Power (Impp)	17.42A	17.48A	17.54A	17.60A	17.66A
MODULE EFFICIENCY (%)	22.21%	22.37%	22.53%	22.70%	22.87%

STC: Irradiance 1000W/m², cell temperature 25°C, AM1.5G

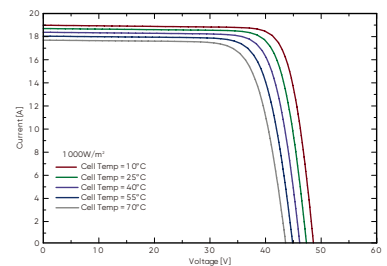
PACKING CONFIGURATION

Container	40'HQ
Pieces per pallet	32
Pallets per container	18
Pieces per container	576

I-V CURVE

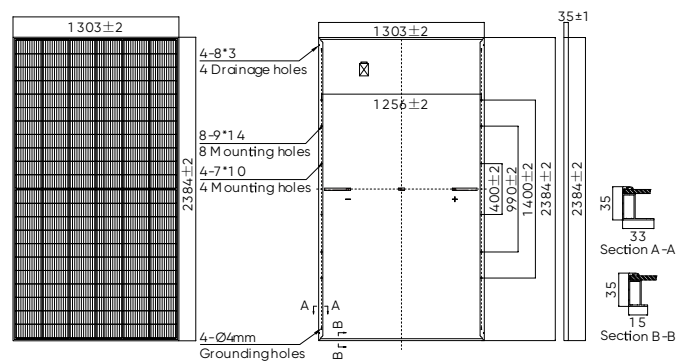


SAS690N-132G12/I-V



MECHANICAL CHARACTERISTICS

Solar Cells	N-type Mono
No. of Cells	132 (6x22)
Dimensions	2384 x 1303 x 35mm
Weight	34.0kg
Front Glass	3.2mm coated tempered glass
Frame	Anodized aluminium alloy (reinforced high-load optional)
Junction Box	Ip68 rated (3 by pass diodes)
	4.0mm ²
Output Cables	250mm (+) / 350mm (-)
	Length can be customized
Connectors	Mc4 compatible
Mechanical load test	Front 5400Pa / Rear 2400Pa



OPERATING CHARACTERISTICS

Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500 DC (IEC)
Maximum Series Fuse Rating	30A
Power Tolerance	0/+5W

TEMPERATURE CHARACTERISTICS

Nominal Operating Temperature (NMOT)	45±2°C
Temperature Coefficient of Pmax	-0.29%/°C
Temperature Coefficient of Pmax	-0.25%/°C
Temperature Coefficient of Pmax	+0.045%/°C