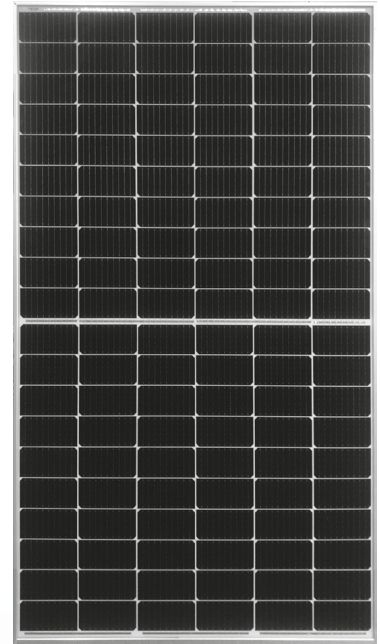


120 CELL MONO 355 -375 W

PERC
technology

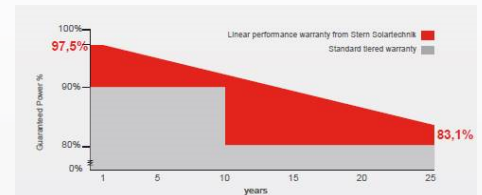


1755 x 1038 x 35 mm
Silver Frame



HIGH QUALITY AND RELIABLE MODULES

- Withstand up to 5400 Pa snow load and 2400 Pa wind load
- 2 EL inspections per cell/module for defect-free consistency
- High salt and ammonia resistance certified
- 0-+3 % guaranteed positive tolerance
- Rugged design for long-term durability; passed extended reliability tests



COMPREHENSIVE CERTIFICATES FOR PRODUCTS AND MANAGEMENT

- IEC 61215, IEC 612716, IEC 61730, IEC62804, UL1703 and CE
- ISO 9001:2015 for Quality Management Systems
- ISO 14001:2015 for Environmental Management Systems
- OHSAS 18001 Occupational Health and Safety System



0~+3%
POWER TOLERANCE

20.58%
MAXIMUM EFFICIENCY

355-375 W
POWER OUTPUT RANGE



Electrical Characteristics STC

STC: AM1.5 Irradiance 1000 W/m ² / 25°C	ST 355 M	ST 360 M	ST 365 M	ST 370 M	ST 375 M
Maximum Power (Pmax)	355 W	360 W	365 W	370 W	375 W
Maximum Power Current (Imp)	10.51 A	10.59 A	10.67 A	10.75 A	10.83 A
Maximum Power Voltage (Vmp)	33.78 V	34 V	34.21 V	34.42 V	34.63 V
Short Circuit Current (Isc)	11.00 A	11.08 A	11.16 A	11.24 A	11.32 A
Open Circuit Voltage (Voc)	40.69 V	40.87 V	41.06 V	41.28 V	41.49 V
Module Efficiency	19.48 %	19.76 %	20.03 %	20.31 %	20.58 %
Power Tolerance	0~+5 W	0~+5 W	0~+5 W	0~+5 W	0~+5 W

Electrical Characteristics NOCT

NOCT Irradiance 800 W/m ² / 20°C / Wind speed 1 m/s	ST 355 M	ST 360 M	ST 365 M	ST 370 M	ST 375 M
Maximum Power (Pmax)	263 W	266 W	270 W	274 W	278 W
Maximum Power Current (Imp)	8.47 A	8.53 A	8.60 A	8.66 A	8.73 A
Maximum Power Voltage (Vmp)	31.06 V	31.19 V	31.40 V	31.64 V	31.85 V
Short Circuit Current (Isc)	8.86 A	8.93 A	8.99 A	9.06 A	9.12 A
Open Circuit Voltage (Voc)	37.41 V	37.49 V	37.68 V	37.94 V	38.16 V

Packing Information

Pieces per pallet	30
Pallets per container (40HQ)	28
Pieces per container (40HQ)	840
Pallet weight	613 kg
Pallet size	1700 x 1120 x 1150 mm

Maximum Ratings

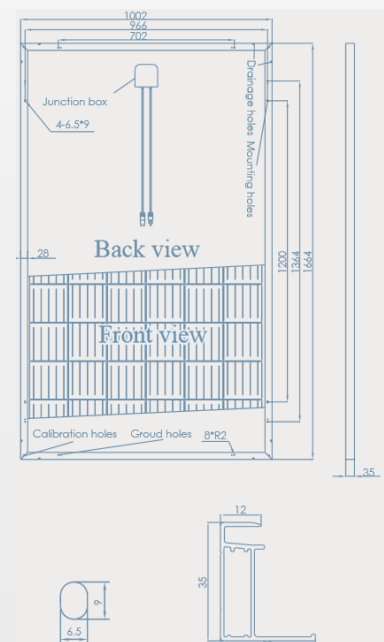
Operating Temperature	-40~85°C
Maximum Series Fuse Rating	20 A
Maximum System Voltage	Standard 1000V (1500V on request)

Mechanical Characteristics

Solar Cell	Monocrystalline
Glass	in series High transparency, low iron tempered glass 3.2 mm
Frame	Anodized aluminum alloy
Junction Box	IP67 rated, with 3 bypass diode
Output Cable	4mm ² (EU) /1000 mm long
Connector	MC4 Original
Dimension	1664x1002x35 mm
Weight	18.9 KG

Thermal Characteristics

Pmax Temperature Coefficient	-0.39%/K
Voc Temperature Coefficient	- 0.295%/ K
Isc Temperature Coefficient	+ 0.039%/K
NMOT	45±2°C



I-V Curves

