

SHINGLED MODULE FULL BLACK

335-350 W



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
- 0-+5 W guaranteed positive tolerance
- Rugged design for long-term durability; passed extended reliability tests



Black Frame
Black Backsheet

1622 x 1068 x 35 mm



POWER OUTPUT WARRANTY

- 20-year product warranty
- 25-year linear power output warranty
- For the 1st year, Stern guarantees that the actual output of the PV module will be no less than 97,5% of the nominal power output.

0~+5 W
POWER TOLERANCE

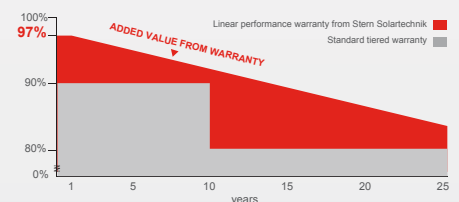
20.2 %
MAXIMUM EFFICIENCY

335-350 W
POWER OUTPUT RANGE



COMPREHENSIVE CERTIFICATES FOR PRODUCTS AND MANAGEMENT

- IEC 61215, IEC 61730 and CE
- ISO 9001 for Quality Management Systems
- ISO 14001 for Environmental Management Systems
- ISO 18001 Occupational Health and Safety System



Electrical Characteristics STC

STC: AM1.5 Irradiance 1000 W/m ² / 25°C	ST 335 SH	ST 340 SH	ST 345 SH	ST 350 SH
Maximum Power (Pmax)	335 W	340 W	345 W	350 W
Maximum Power Current (Imp)	8.98 A	9.09 A	9.20 A	9.31 A
Maximum Power Voltage (Vmp)	37.3 V	37.4 V	37.5 V	37.6 V
Short Circuit Current (Isc)	9.49 A	9.51 A	9.55 A	9.60 A
Open Circuit Voltage (Voc)	45.2 V	45.2 V	45.3 V	45.4 V
Module Efficiency	19.3%	19.6%	19.9%	20.2%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W

Electrical Characteristics NOCT

NOCT: AM1.5 Irradiance 800 W/m ² / 20°C / Wind speed 1m/s	ST 335 SH	ST 340 SH	ST 345 SH	ST 350 SH
Maximum Power (Pmax)	249 W	253 W	257 W	261 W
Maximum Power Current (Imp)	7.07 A	7.15 A	7.24 A	7.32 A
Maximum Power Voltage (Vmp)	35.3 V	35.4 V	35.5 V	35.6 V
Short Circuit Current (Isc)	7.66 A	7.67 A	7.71 A	7.75 A
Open Circuit Voltage (Voc)	42.8 V	42.8 V	42.9 V	43.0 V

Mechanical Characteristics

Solar Cell	Mono crystalline Shingled
Glass	High transparency, low iron, tempered glass 3.2 mm
Frame	Anodized aluminum alloy
Junction Box	IP67 rated, with 3 bypass diode
Cable	4 mm ² (EU)/1000 mm long
Connector	MC4 Original
Dimension	1622x1068x35 mm
Weight	19.8 KG

Thermal Characteristics

Pmax Temperature Coefficient	-0.34%/K
Voc Temperature Coefficient	-0.27%/K
Isc Temperature Coefficient	+0.04%/K
NOCT	42.3±2°C

Maximum Ratings

Operating Temperature	-40~85°C
Maximum Series Fuse Rating	20 A
Maximum System Voltage	1000/ optional 1500DC

Packing Information

Pieces per pallet	30
Pallets per container [40HQ]	28
Pieces per container [40HQ]	840
Pallet weight/size	643KG/1662*1122*1145mm

I-V Curves at Different Irradiances (335W)
Test Temperature: 25°C

