

315-335 Watt

POLY CRYSTALLINE MODULE

Positive power tolerance of 0~+5W

ISO9001:2008, ISO14001:2004 certified factory.
IEC61215, IEC61730 certified products.



KEY FEATURES



5 Busbar Solar Cell:

No power loss thanks to improved temperature co-efficient caused by 5 Busbar solar cell



High Power Output:

Up to 335W and 17.26% efficiency, highest performing module of its kind on the market



PID RESISTANT:

Excellent Anti-PID performance guarantee limited power degradation for mass production



Low-light Performance:

Excellent performance in low-light environments

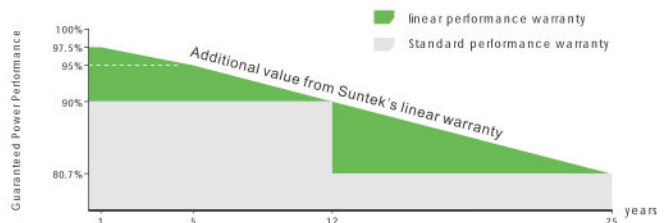


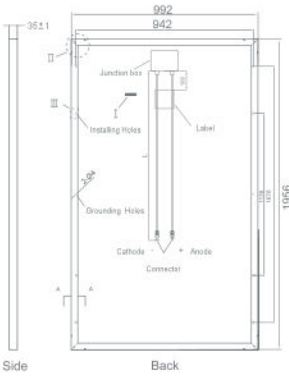
Severe Weather Resilience:

Certificated to bear 2,400Pa wind load and 5,400Pa snow load

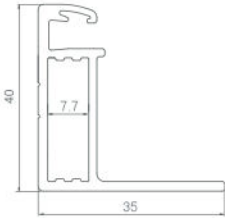
LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



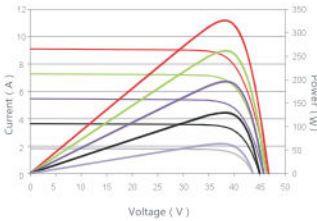


Side Back

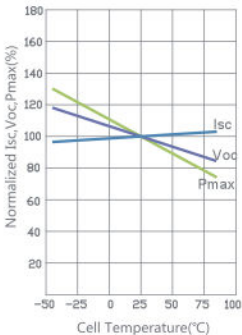


A-A

Current-Voltage & Power-Voltage Curves (325W)



Temperature Dependence of Isc, Voc, Pmax



ELECTRICAL DATE(STC)

Module model	ST-72P-315	ST-72P-320	ST-72P-325	ST-72P-330	ST-72P-335
Max.Power-Pmax(Wp)	315	320	325	330	335
Max.Power Voltage-Vmp(V)	37.2	37.4	37.6	37.8	38.0
Max.Power Current-Imp(A)	8.48	8.56	8.66	8.74	8.82
Open-circuit Voltage-Voc(V)	46.2	46.4	46.7	46.9	47.1
Short-circuit Current-Isc(A)	9.01	9.05	9.10	9.14	9.19
Module efficiency(%)	16.23	16.49	16.75	17.01	17.26
Power Output Tolerance-Pmax(W)	0~+5				

STC:1000W/m2 Irradiance,25°C Module Temperature,AM1.5g Spectrum
 *Measuring Tolerance:+-3%

ELECTRICAL DATE(NOCT)

Module model	ST-72P-315	ST-72P-320	ST-72P-325	ST-72P-330	ST-72P-335
Max.Power-Pmax(Wp)	228	232	236	239	242
Max.Power Voltage-Vmp(V)	33.6	33.8	34.0	34.2	34.4
Max.Power Current-Imp(A)	6.79	6.88	6.94	6.99	7.04
Open-circuit Voltage-Voc(V)	41.7	41.9	42.1	42.3	42.5
Short-circuit Current-Isc(A)	7.37	7.43	7.49	7.55	7.60

NOCT: Irradiance at 800W/m2,Ambient Temperature 20°C,Wind Speed 1m/s

MACHANICAL CHARACTERISTICS

Solar Cells	Poly-cyrstalline 156.75*156.75mm(6 inch)
No.of Cells	72 (6*12)
Module Dimension	1956*992*40mm(77.00*39.1*1.57inch)
Module Weight	22.5Kg(49.5lb)
Front Glass	3.2mm,High Transmission,Coated Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 or IP68 rated;3 Diodes
Output Cables	1*4.0mm2;900mm or 1200mm

OPERATING CONDITIONS

Max. system voltage	1000Vdc
Max. series fuse rating	15A
Operating temperature	-40°C ~+85°C

TEMPERATURE RATINGS

NOCT(Nominal Operating Cell Temperature)	45±2°C
Temperature Coefficient of Pmax	-0.41%/°C
Temperature Coefficient of Voc	-0.31%/°C
Temperature Coefficient of Isc	0.06%/°C

PACKAGING CONFIGURATION

Modules per Pallet	26pcs
Modules per Stack	52PCS
Modules per 40HQ	624PCS