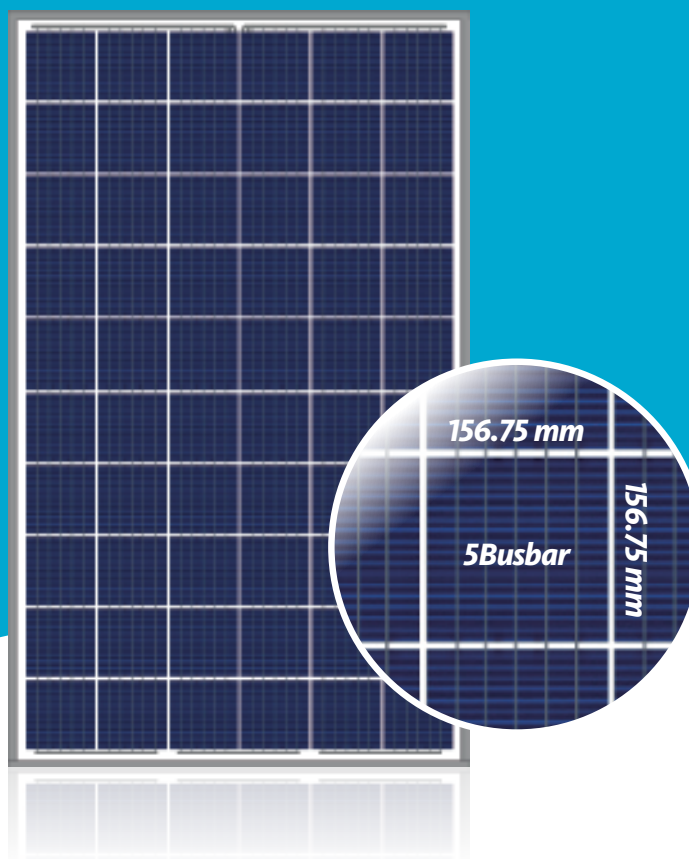


SN 60-Cell

265 ~ 280Watt

1,000V / 1,500V Polycrystalline PV Module

SN265P-10/15 · SN270P-10/15 · SN275P-10/15 · SN280P-10/15



QUALIFICATIONS & CERTIFICATIONS

IEC 61215 & 61730, UL 1703, ISO 9001, ISO 14001, OHSAS 18001, WEEE



FEATURES



Enhanced External Load/Impact

Snow Load : 5,400 Pa (30T) / 8,400 Pa (40T)
Wind Load : 2,400 Pa (30T) / 5,400 Pa (40T)
Hail Impact : 30.7m/s (speed ball)



Various Options Available

Black or Silver Frame
1000V or 1500V System Voltage
30mm or 40mm Frame



PID Resistance

Enhanced Potential Induced Degradation



Fire Safety

UL1703 Fire Classification : Type 1, Type 2



Environment Resistance

Tested under extreme conditions
Resistant to high levels of salt mist and ammonia (certified by TÜV Rheinland)



First UL-Certified 1,500V Module

Optimized BOS cost allows a reduced system cost

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Homepage



ELECTRICAL CHARACTERISTICS

STC (Irradiance 1,000W/m ² , module temperature 25°C, AM=1.5)	SN265P-10/15	SN270P-10/15	SN275P-10/15	SN280P-10/15
Rated Power (Pmax)	265W	270W	275W	280W
Voltage at Pmax (Vmp)	30.7V	30.9V	31.2V	31.6V
Current at Pmax (Imp)	8.64A	8.72A	8.81A	8.85A
Warranted Minimum Pmax	265W	270W	275W	280W
Short-Circuit Current (Isc)	9.04A	9.10A	9.16A	9.19A
Open-Circuit Voltage (Voc)	38.1V	38.3V	38.6V	38.7V
Module Efficiency	16.2% / 15.9%	16.5% / 16.2%	16.8% / 16.5%	17.1% / 16.8%
Operating Module Temperature	-40°C to +85°C			
Maximum System Voltage	1,000V/ 1500V (IEC/UL)			
Maximum Series Fuse Rating	15A			
Maximum Reverse Current	20.25A			
Power Tolerance	0 ~ +5W			

MECHANICAL CHARACTERISTICS

Solar Cells	Polycrystalline 156.75 x 156.75mm (6 inches)
Number of Cells	60 Cells (6x10 Matrix)
Dimensions	1,000V : 1,650 x 990 x 30 / 40mm (IEC/UL)
	1,500V : 1,650 x 990 x 30mm (IEC) / 1,665 x 999 x 30mm (UL)
Weight	17kg
Front Glass	High-Transmittance Low Iron Tempered Glass
Frame	Anodized Aluminum Frame (Silver / Black)
Output Cables	PV Wire (PV1-F), 12AWG (4mm ²), Cable Length : 1,000mm
Connectors	MC4 Connectable

TEMPERATURE CHARACTERISTICS

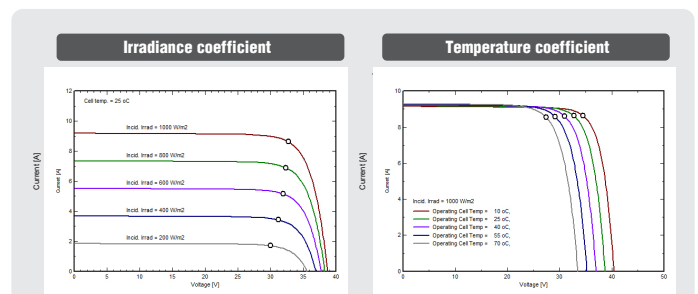
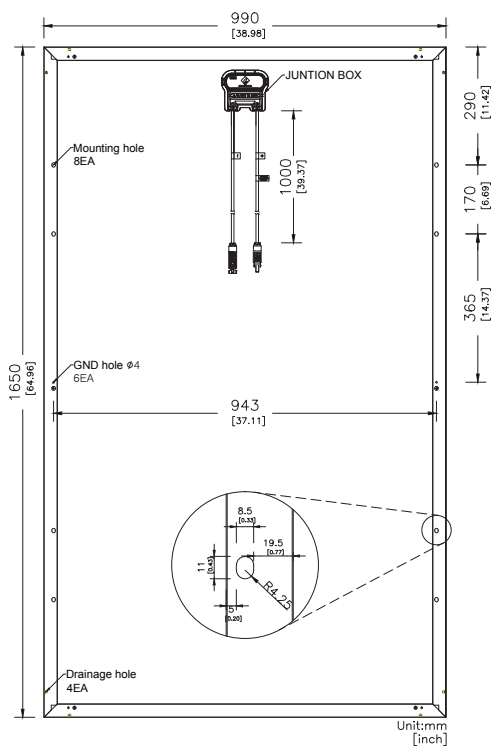
Temperature coefficient of Isc	0.056 % / °C
Temperature coefficient of Voc	-0.301 % / °C
Temperature coefficient of power	-0.398 % / °C
NOCT (Tair 20°C ; Irradiance 800W/m ² ; Wind 1m/s)	45±2 °C

WARRANTY

Product Warranty	10-year Limited Product Warranty
Performance Warranty	Minimum Power Output for Year 1 : 97.5%
	Maximum Power Decline from Year 2 to 24 : 0.7%
	Power Output in the year 25 : 80.7%

PACKING CONFIGURATION

	30T	40T
Container	40' DRY	40' H/C
Modules Per Pallet	25pcs	25pcs
Pallets Per Container	28pallets	28pallets
Modules Per Container	700pcs	700pcs



REMARKS

- Pmax measurement tolerance : ±2.5%
- S-Energy uses triple AAA class simulator.
- Specification subject to change without prior notice.
- S-Energy reserves the rights of final interpretation.