

SolarPark Korea

Powermodule™ Series



SPP 255 | 260 | 265 | 270 mono



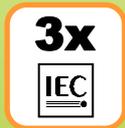
ADDITIONAL 5% VALUE:
25-YEAR "STRAIGHT
LINE WARRANTY"*



LONG-TERM SECURITY:
10-YEAR PRODUCT
WARRANTY



HIGHER SYSTEM YIELDS
(up to +5W/0W)
THROUGH PowerPlus
SORTING**



TRIPLE-TESTED FOR
GREATER
DEPENDABILITY



PREMIUM QUALITY
THROUGH
AUTOMATION



FIRE SAFETY
UL790 TESTED



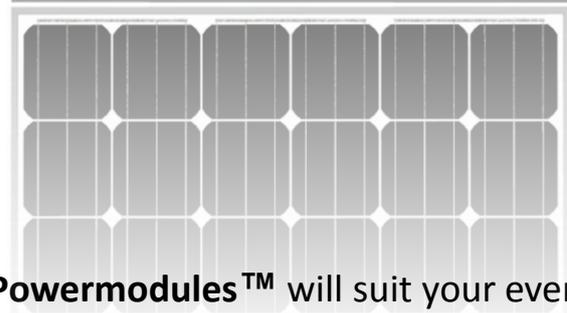
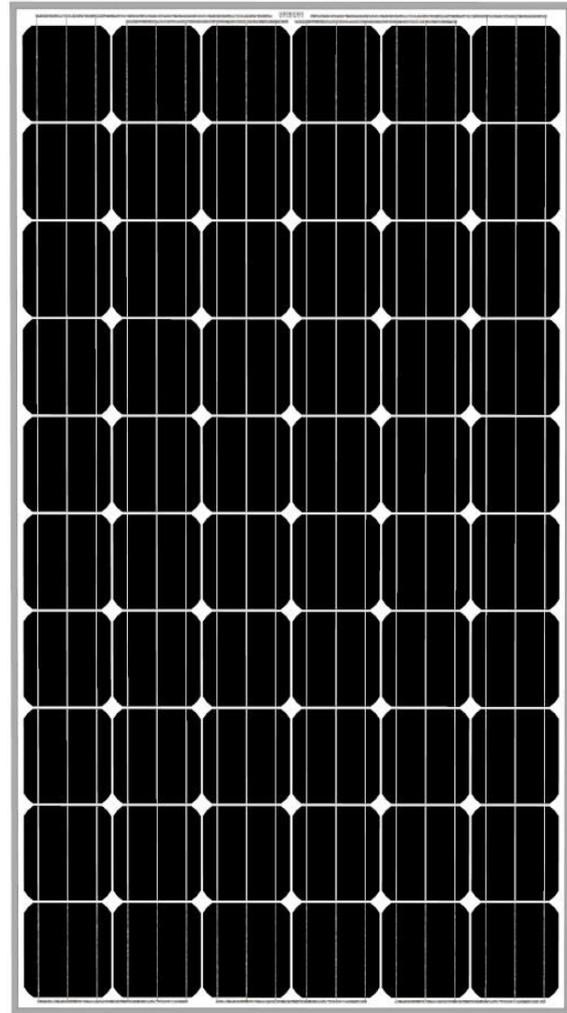
STORM-PROOF ULTRA-
CLEAR TEMPERED SAFETY
GLASS



ELECTRICAL SAFETY WITH
SILICONE SEALANT &
MULTI-LAYER BACK SHEET



HAIL PROTECTION &
HEAVY SNOW LOAD
TESTED



SolarPark Korea **Powermodules™** will suit your every need. Combining the finest raw materials with state-of-the-art automation technology, and backed by an industry-leading 25-year guarantee*, our **Powermodules™** deliver top-notch quality you can rely on – **QUALITY MADE IN KOREA.**

*1st year performance guarantee of 96% of labeled P_{max}, followed by an annual decrease of 0.66%, which guarantees at least 80.2% of P_{max} after the 25th year.

** SolarPark's PowerPlus Sorting (positive sorting): actual > rated power: tolerance only extends to positive deviations (additionally up to +5W/0W).

I. PERFORMANCE

Standard Test Conditions (STC)

Performance at 25 °C under 1,000 W/m², AM 1.5 at 200 W/m², 95 % of STC- efficiency is achieved [EN 60904-1]

	P _{mpp} [W]	V _{oc} [V]	V _{mpp} [V]	I _{sc} [A]	I _{mpp} [A]	Efficiency
SPP 255 mono	255	37.8	30.5	8.86	8.38	15.21%
SPP 260 mono	260	37.9	30.8	8.90	8.45	15.51%
SPP 265 mono	265	38.0	31.2	8.93	8.52	15.81%
SPP 270 mono	270	38.1	31.5	8.96	8.58	16.10%

II. THERMAL CHARACTERISTICS

Nominal operating cell temperature (NOCT)

46 ± 2 °C

Temperature coefficient of P_{mpp}

-0.45 %/°C

Temperature coefficient of V_{oc}

-0.33 %/°C

Temperature coefficient of I_{sc}

0.049 %/°C

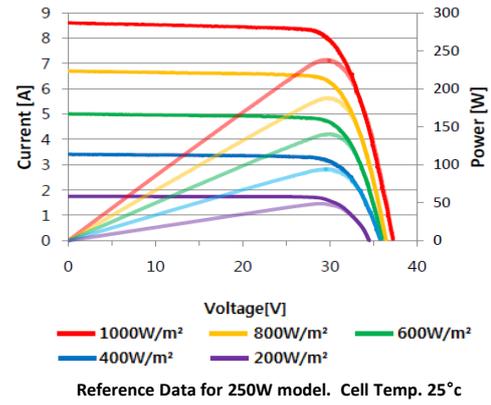
*Sun simulation measurement tolerance (Class AAA Flasher): +/- 3%.

*SolarPark's PowerPlus Sorting (positive sorting): actual > rated power: tolerance only extends to positive deviations (additionally up to +5W/0W).

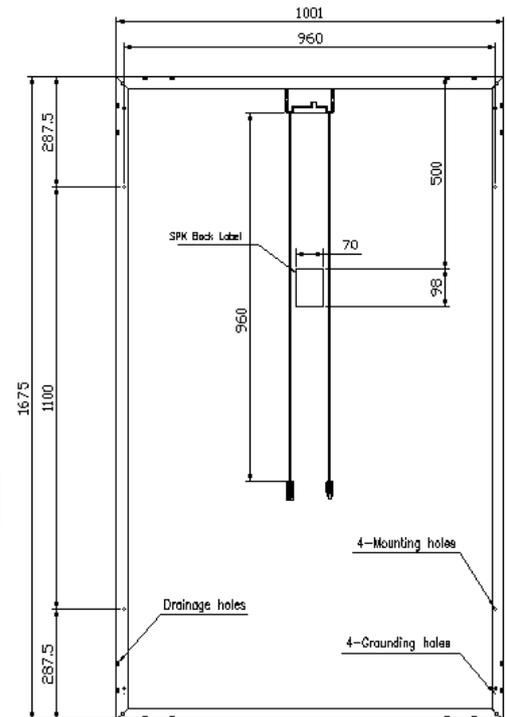
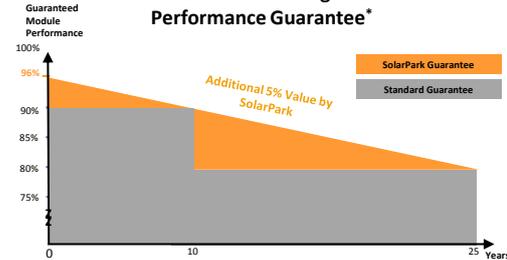
III. MODULE ARCHITECTURE

Solar Cell	Monocrystalline Silicon, 156 x 156 mm (6 Inch)
Cell Array	10 x 6, total 60 Cells
Glass	3.2mm Tempered Glass
Frame	Anodized aluminum alloy
Junction Box	IP67 rated (3 Bypass Diodes)
Cable	IEC and/or UL
Connector	MC4
Module	
Dimension	1,675 x 1,001 x 34 mm (65.9 x 39.4 x 1.4 inches)
Weight, Module	19 kg (41.9lbs.)

I-V & V-P Curve



SolarPark Korea "Straight Line" Performance Guarantee*



IV. SAFETY INFORMATION

Max. System Voltage:	1000 V _{DC/IEC}
Max. System Voltage:	600 V _{DC/UL}
Series Fuse Rating:	15 A
IEC Protection Class:	Safety Class II
Fire Safety Classification	Class C
Operating Temperature:	-40 ~ +85 °C
UL Max. Test Load:	2,400 Pa

V. PACKING CONFIGURATION

Container	40'HC
Piece per pallet	30
Pallets per container	28
Pieces per container	840



IMPORTANT!

Please read the respective SolarPark Korea Powermodule™ Safety & Installation Manual prior to handling, installing and operating SolarPark Korea Powermodules™. Electrical work should only be performed by qualified personnel.

All Specifications are in compliance with EN 50380, and are subject to change without prior notice.



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