

SPP 250 | 255 | 260 SR



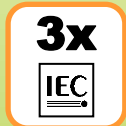
ADDITIONAL 5% VALUE:  
25-YEAR "STRAIGHT  
LINE WARRANTY"\*



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



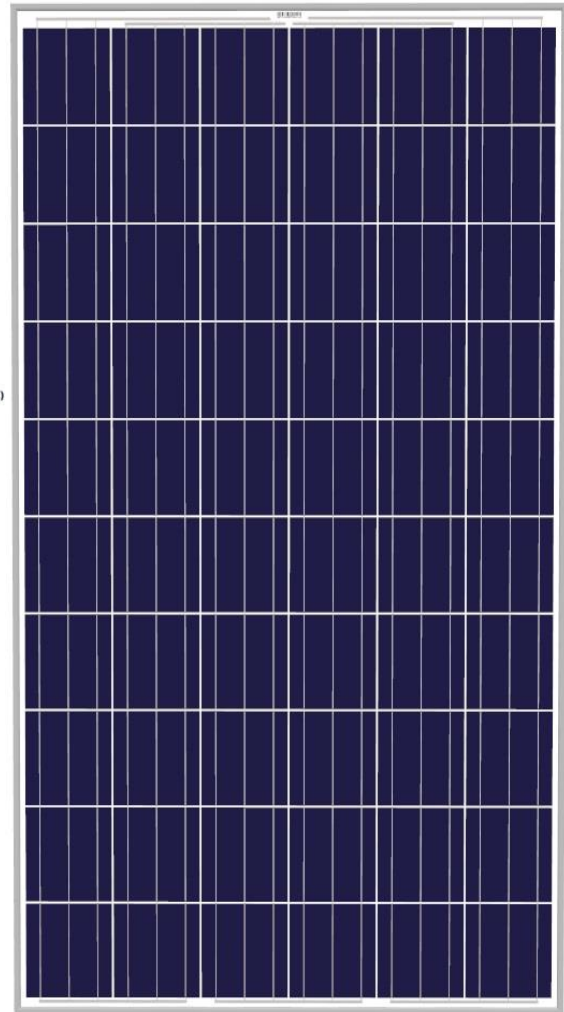
SALT MIST CORROSION  
TESTED



Anti-PID TESTED



FARM-FRIENDLY:  
NH<sub>3</sub> RESISTANCE  
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.**

\*1<sup>st</sup> year performance guarantee of 97% of labeled P<sub>max</sub>, followed by an annual decrease of 0.7%, which guarantees at least 80.2% of P<sub>max</sub> after the 25<sup>th</sup> 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/m<sup>2</sup>, AM 1.5  
at 200 W/m<sup>2</sup>, 95 % of STC- efficiency is achieved [EN 60904-1]

	P <sub>mpp</sub> [W]	V <sub>oc</sub> [V]	V <sub>mpp</sub> [V]	I <sub>sc</sub> [A]	I <sub>mpp</sub> [A]	Efficiency
SPP 250 SR	250	37.5	30.7	8.63	8.15	15.27%
SPP 255 SR	255	37.7	30.9	8.72	8.27	15.58%
SPP 260 SR	260	37.9	31.1	8.81	8.38	15.88%

## II. THERMAL CHARACTERISTICS

### Nominal operating cell temperature (NOCT)

46±2 °C

Temperature coefficient of P<sub>mpp</sub>

-0.45 %/°C

Temperature coefficient of V<sub>oc</sub>

-0.35 %/°C

Temperature coefficient of I<sub>sc</sub>

0.034 %/°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** Multicrystalline 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 compatible

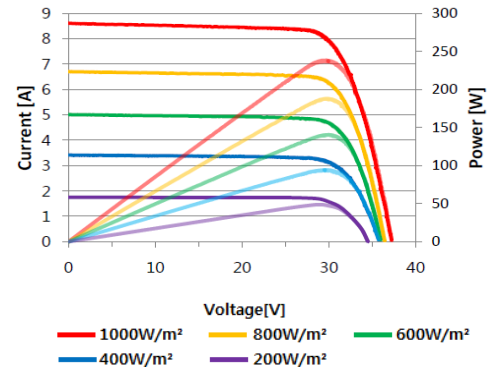
**Protection Rating** IP67

### Module

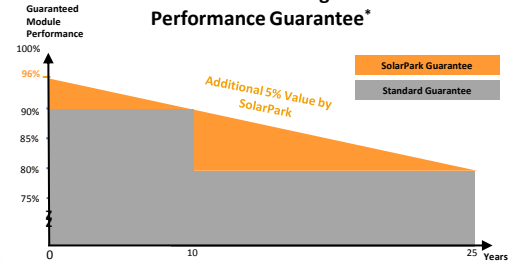
**Dimension** 1,650 x 992 x 34 mm (64.96 x 39.1 x 1.4 inches)

**Weight, Module** 18 kg (39.6lbs.)

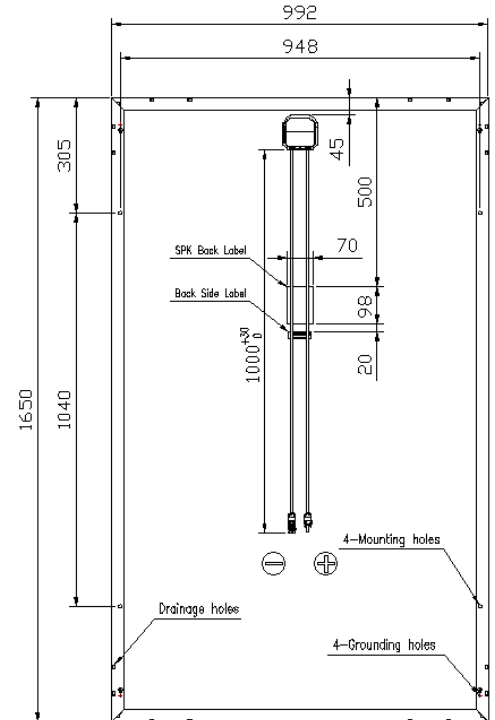
## I-V & V-P Curve



### SolarPark Korea "Straight Line" Performance Guarantee\*



\* 1<sup>st</sup> year performance guarantee of 97% of labeled P<sub>max</sub>, followed by an annual decrease of 0.7%, which guarantees at least 80.2% of P<sub>max</sub> after the 25<sup>th</sup> year.



## IV. SAFETY INFORMATION

<b>Max. System Voltage:</b>	1,000 V <sub>DC/IEC</sub>
<b>Series Fuse Rating:</b>	15 A
<b>IEC Protection Class:</b>	Safety Class II
<b>Fire Safety Classification</b>	Class C
<b>Operating Temperature:</b>	-40 ~ +85 °C
<b>IEC Max. Snow Test Load:</b>	5,400 Pa

## V. PACKING CONFIGURATION

<b>Container</b>	40'HC
<b>Piece per pallet</b>	30
<b>Pallets per container</b>	28
<b>Pieces per container</b>	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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