

60 SERIES POLYCRYSTALLINE DOUBLE GLASS MODULES

PEAK POWER: 260-280 W_p

Highly reliable due to stringent quality control

- PID resistant and free of snail trails
- Increased module robustness to minimize micro-cracks
- 100% EL double inspection

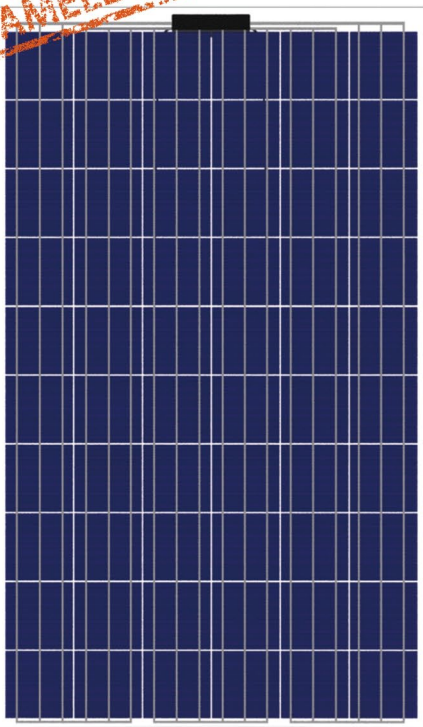
Increased value

- Higher maximum system voltage reduces BOS costs
- 30 year linear warranty
- 0.5% annual degradation
- Low thermal coefficients for more energy production at higher temperatures

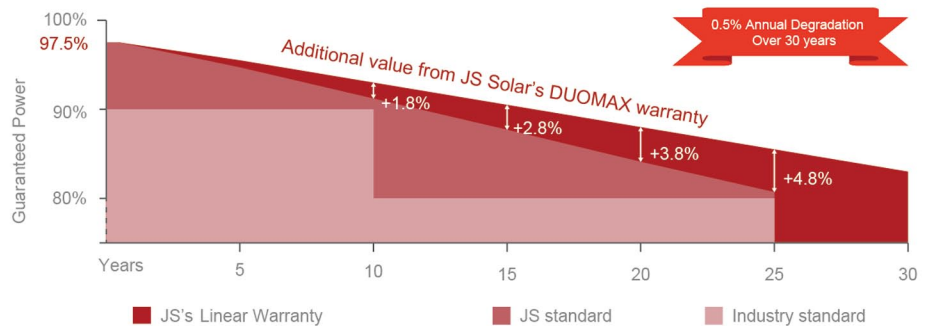
Certified to withstand the most challenging environmental conditions

- 2400 Pa wind load
- 5400 Pa snow load

FRAMELESS



JS Solar's Linear Performance Warranty



CERTIFICATIONS & STANDARDS*



Application Class A
Safety Class II

Poly-Crystalline Double Glass

ELECTRICAL DATA (STC)

Peak Power Watts- P_{MAX} (Wp)*	260	265	270	275	280
Power Output Tolerance- P_{MAX} (W)	0 ~ +5				
Maximum Power Voltage- V_{MPP} (V)	30.5	30.8	31.1	31.3	31.6
Maximum Power Current- I_{MPP} (A)	8.52	8.60	8.69	8.78	8.87
Open Circuit Voltage- V_{OC} (V)	37.6	37.6	37.6	37.7	37.7
Short Circuit Current- I_{SC} (A)	9.10	9.20	9.26	9.34	9.42
Module Efficiency η_m (%)	15.8	16.1	16.4	16.7	17.0

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.
*Measuring tolerance: ±3%.

ELECTRICAL DATA (NOCT)

Maximum Power- P_{MAX} (Wp)	193	197	201	204	208
Maximum Power Voltage- V_{MPP} (V)	28.0	28.2	28.3	28.5	28.7
Maximum Power Current- I_{MPP} (A)	6.89	6.98	7.11	7.19	7.25
Open Circuit Voltage- V_{OC} (V)	34.9	34.9	34.9	34.9	35.0
Short Circuit Current- I_{SC} (A)	7.35	7.43	7.49	7.55	7.62

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

MECHANICAL DATA

Solar Cells	Multicrystalline 156.75 × 156.75 mm (6 inches)
Cell Orientation	60 cells (6 × 10)
Module Dimensions	1658 × 992 × 6 mm (65.3 × 39.1 × 0.236 inches) 1662 × 996 × 6 mm with edge banding (65.4 × 39.2 × 0.236 inches) 1664 × 998 × 7.6 mm with corner protector (65.5 × 39.3 × 0.299 inches) (Std)*
Weight	23.5 kg (51.8 lb)
Front Glass	2.5 mm (0.10 inches), High Transmission, AR Coated Heat Strengthened Glass
EVA	White (PEG5, PEG5.40); Transparent (PEG5.07, PEG5.47)
Back Glass	2.5 mm (0.10 inches), Heat Strengthened Glass
Frame	Frameless
J-Box	IP 67 or IP 68 rated
Cables	Photovoltaic Technology Cable 4.0 mm ² (0.006 inches ²) Portrait: 140/285 mm (5.5/11.2 inches) Landscape: 1200/1200 mm (47.2/47.2 inches)
Connector	MC4 Compatible (1500V)**

*Not apply to slide-in solution project.

**Please refer to regional datasheet for specified connector.

TEMPERATURE RATINGS

NOCT (Nominal Operating Cell Temperature)	44°C (±2°C)
Temperature Coefficient of P_{MAX}	-0.41%/°C
Temperature Coefficient of V_{OC}	-0.32%/°C
Temperature Coefficient of I_{SC}	0.05%/°C

MAXIMUM RATINGS

Operational Temperature	-40 ~ +85°C
Maximum System Voltage	1500V DC (IEC) 1000V DC (UL)
Max Series Fuse Rating	15A

(DO NOT connect Fuse in Combiner Box with two or more strings in parallel connection)

WARRANTY

- 10 year Product Workmanship Warranty
- 30 year Linear Power Warranty

(Please refer to product warranty for details)

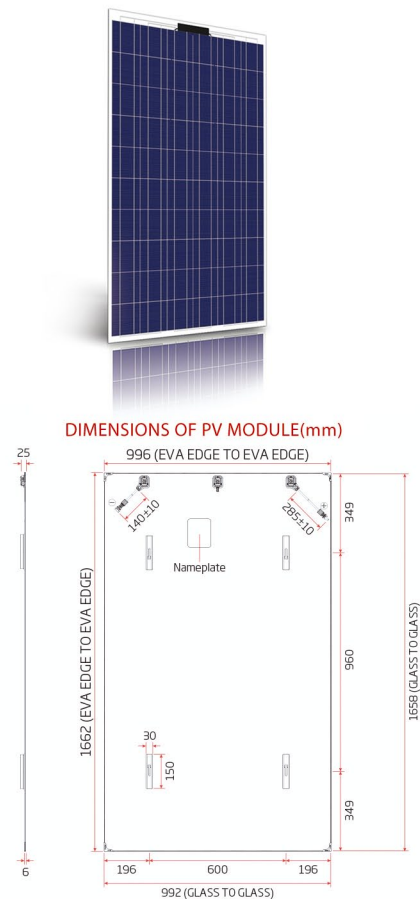
PACKAGING CONFIGURATION

- Modules per box: 30 pieces
- Modules per 40' container: 780 pieces

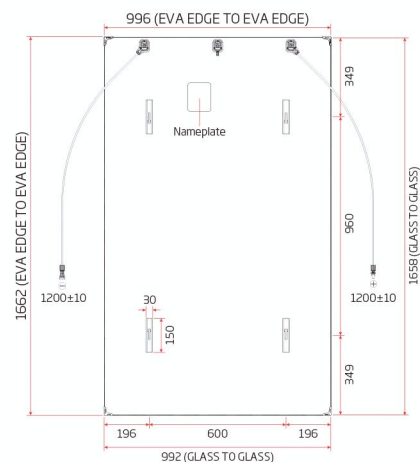
MORE OPTIONS

More Options

- 2.0mm Glass: 19.7 kg (43.4 lb) (Only for PEG5.40/PEG5.47)
- Compact AR Coating
- POE (Polyolefin Elastomer) Adhesive

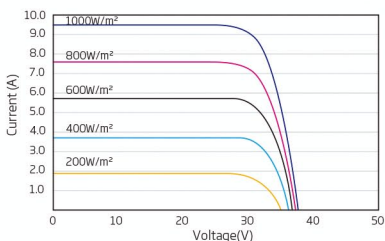


Back View (Portrait)



Back View (Landscape)

I-V CURVES OF PV MODULE(280W)



P-V CURVES OF PV MODULE(280W)

