

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

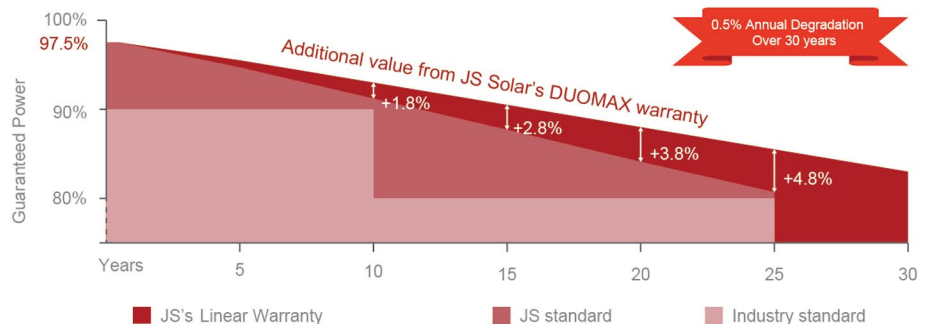
- Higher maximum system voltage reduces BOS costs
- 30 year linear warranty
- 0.5% annual degradation
- Low thermal coefficients for more energy production at higher temperatures

Certified to withstand the most challenging environmental conditions

- 2400 Pa wind load
- 5400 Pa snow load



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)

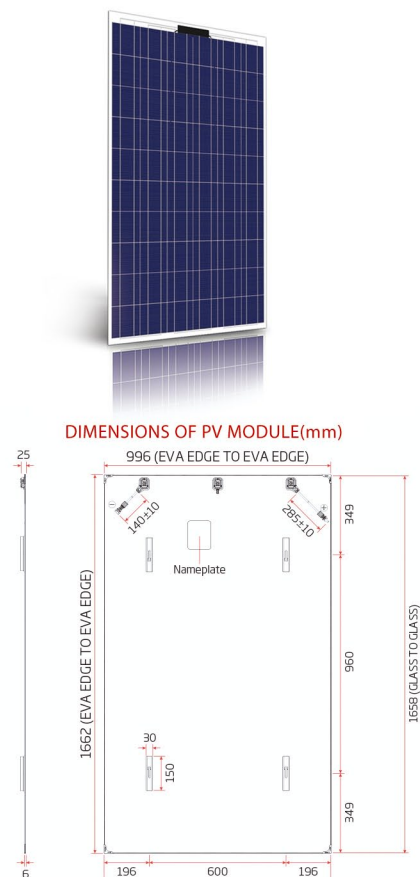
PACKAGING CONFIGURATION

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

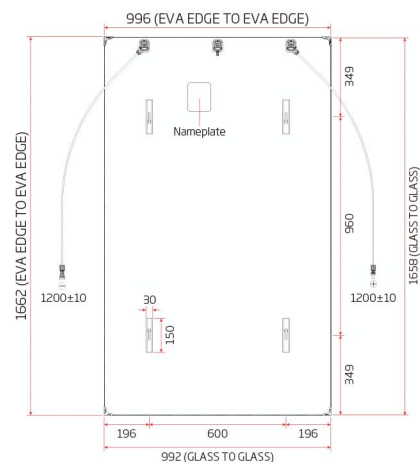
MORE OPTIONS

More Options

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

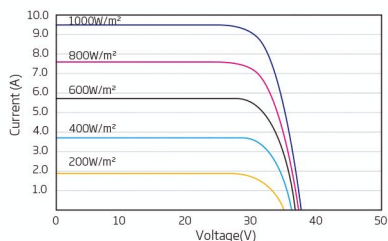


Back View (Portrait)



Back View (Landscape)

I-V CURVES OF PV MODULE(280W)



P-V CURVES OF PV MODULE(280W)

