

For a Free Quote:

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EnergyPal

Solar Panel Guide Specification Data Sheet

Europe Solar Production Sp. z o.o.

SL606 260-285

SL606-275

Also available on the web at
EnergyPal.com/europe-solar-production-sp-z-o-o-solar-panels/sl606-275

SL606 260-285 WATT POLY CRYSTALLINE MODULE



260 - 285 Wp Power Output Range
Positive power tolerance of 0/+3%
Maximum efficiency of 17,3%
60 cells polycrystalline mudule



KEY SALIENT FEATURES



Excellent Low Irradiance Performance

- Advanced surface texturing
- Back surface field
- Selctive emitter

Maximize Limited Space

- 60-cell module power output up to 285 Wp
- Up to 174 W/m² power density



High reliable due to stringest quality control

- All modules have to pass electroluminescence (EL) inspection
- Over 10 in-house tests (UV, TC, ISO,)
- Excellent PID resistance
- 1000 V UL/1000 IEC certified.



Certified to withstand severe environmental conditions

- Anti-reflective & anti-soiling minimise power loss from dirt and dust
- Severe salt mist, ammonia & blown sand resitance, for seaside, farm and desert environments
- Excellent mechanical load 2400 Pa (130 Km/h) & snow load 5400 Pa resistance (900 Kg) per module

Warranty

25
YEARS

Linear power output warranty

12
YEARS

Guarantee manufacturing product defect

MANAGEMENT SYSTEM CERTIFICATES

ISO 9001: 2008: Quality Management System
 ISO14001: 2004 : Standards for Environmental Management System
 OHSAS 18001: 2007: Occupational Health and Safety Management System

PRODUCT CERTIFICATES

IEC61215/IEC61730/IEC61701/IEC62716
 UL 1703



PVM-SOLAR PRODUCTION U.G

Address: FRANZ-JOSEPH STR 11, 80801 MUNICH



SOLAICO - UNION COMPOSITES S.L.

Address: P. Ind. "Algars" - C/ Vall d'Albaida, 7
 Cocentaina, 03820 Alicante (España)



www.europe-solarproduction.com

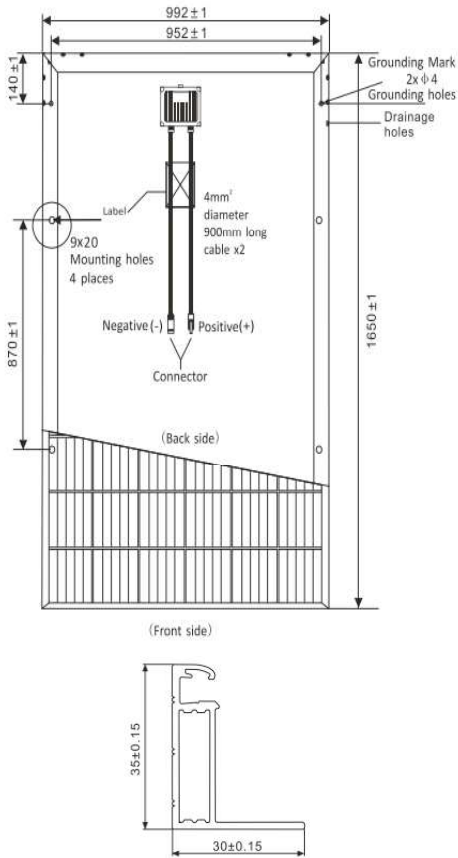


LINEAR PERFORMANCE WARRANTY

12 Years Product Warranty / 25 Years Linear Power Warranty

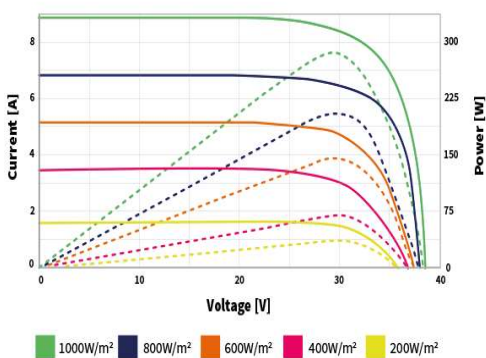
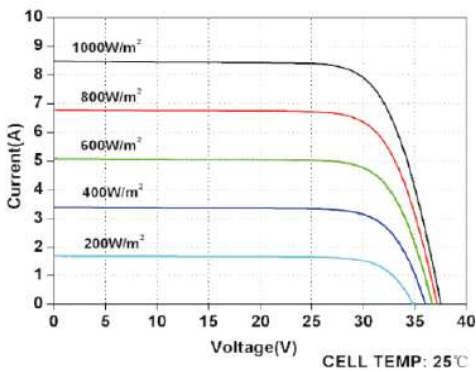


SL 606 260P-285P PV MODULES



SL 606-285 Wp

I-V characteristics at different irradiances



| ELECTRICAL DATA@STC | SL606-260 | SL606-265 | SL606-275 | SL606-280 | SL606-285 |
|---|-----------|-----------|-----------|-----------|-----------|
| Peak Power Watts - Pmax (Wp) | 260 | 265 | 275 | 280 | 285 |
| Power Output Tolerance- Pmax (W) | 0/+3 | 0/+3 | 0/+3 | 0/+3 | 0/+3 |
| Maximum Power Voltage- V _{mpp} (V) | 30.7 | 30.8 | 31.1 | 31.4 | 31.5 |
| Maximum Power Current- I _{mpp} (A) | 8.34 | 8.41 | 8.52 | 8.61 | 8.73 |
| Open Circuit Voltage- V _{oc} (V) | 38.12 | 38.12 | 38.12 | 38.12 | 38.12 |
| Module Efficiency η _m (%) | 16.8 | 16.9 | 17.1 | 17.2 | 17.3 |
| Short Circuit Current (A) | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 |

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

| ELECTRICAL DATA@NOCT | SL606-260 | SL606-265 | SL606-275 | SL606-280 | SL606-285 |
|---|-----------|-----------|-----------|-----------|-----------|
| Peak Power Watts - Pmax (Wp) | 260 | 265 | 275 | 280 | 285 |
| Maximum Power Voltage- V _{mpp} (V) | 28.6 | 28.7 | 28.9 | 29.0 | 29.2 |
| Maximum Power Current- I _{mpp} (A) | 6.89 | 6.97 | 7.03 | 7.10 | 7.18 |
| Open Circuit Voltage- V _{oc} (V) | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 |
| Short Circuit Current (A) | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 |

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

MECHANICAL DATA

| | |
|-------------------|--|
| Solar Cells | Multicrystalline 156.75 × 156.75 mm |
| Cell Orientation | 60 cells (6 x 10) |
| Module Dimensions | 1650 × 992 × 35 mm |
| Weight | 18.6 kg |
| Glass | 3.2 mm, high transparency, AR coated and heat tempered solar glass |
| Backsheet | White |
| Frame | Silver Anodized Aluminium Alloy |
| J-Box | IP 67 or IP 68 rated |
| Cables | Photovoltaic Technology Cable 4.0mm ² , 1000 mm |
| Connectors | EU Countries: 28 MC4 / UTX / TS4, Non-EU Countries: 28 QC4 / TS4 |

TEMPERATURES RATINGS

| | |
|---------------------------------|-------------|
| Nominal Operating Cell (NOCT) | 44°C (+-2K) |
| Temperature Coefficient of Pmax | -0,41 %/°C |
| Temperature Coefficient of Voc | -0,31 %/°C |
| Temperature Coefficient of Isc | 0,05 %/°C |

MAXIMUM RATINGS

| | |
|---------------------------------|---------------------------------|
| Operational Temperature | -40 tp +85 °C |
| Temperature Coefficient of Pmax | 1000 VDC (IEC) 1000 VDC (UL) |
| Max. Series Fuse Rating | 15 A |
| Mechanical Load | 5400 Pa |
| Wind Load | 2400 Pa |

WARRANTY

| |
|--------------------------------------|
| 12 years Product Warranty |
| 25 years Linear Performance Warranty |

PACKAGING CONFIGURATION

| |
|--|
| Modules per box: 26 pieces |
| Modules per 40' container: 728 pieces (28 units/container) |