

SL726 310 - 335 WATT POLY CRYSTALLINE MODULE

310 -335 Wp Power Output Range

Positive power tolerance of 0/+5%

Maximum efficiency of 17.2%

72 cells polycrystalline module



Excellent Low Irradiance Performance

- Advanced surface texturing
- Back surface field
- Selective emitter

Maximize Limited Space

- 77-cell module power output up to 335 Wp
- Up to 174 W/m² power density



High reliable due to stringent 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 resistance, 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



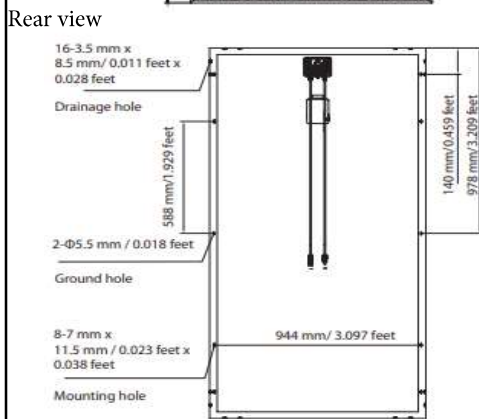
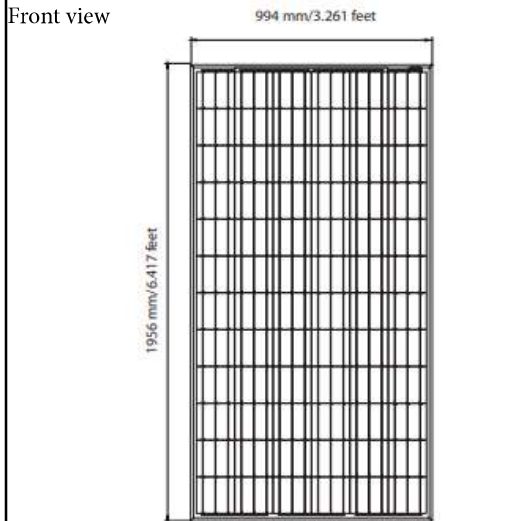
KEY SALIENT FEATURES

LINEAR PERFORMANCE WARRANTY

12 Years Product Warranty / 25 Years Linear Power Warranty

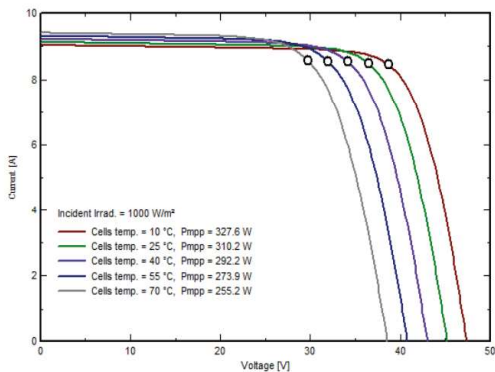
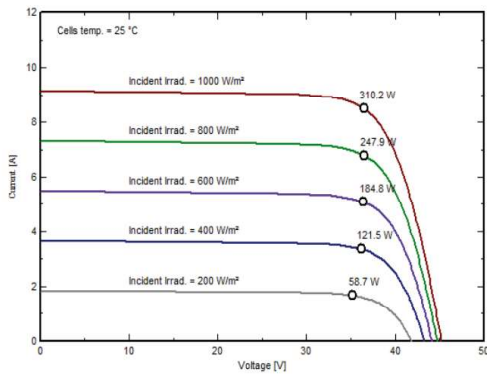


SL 726 310P-335P PV MODULES



SL 726-310 Wp

I-V characteristics at different irradiances



ELECTRICAL DATA@STC	SL726-310	SL726-320	SL726-330	SL726-335
Peak Power Watts - Pmax (Wp)	310	320	330	335
Power Output Tolerance- Pmax (W)	0/+5	0/+5	0/+5	0/+5
Maximum Power Voltage- V mpp (V)	37.72	40.1	38.07	37.7
Maximum Power Current- Impp (A)	8.22	7.99	8.67	8.91
Open Circuit Voltage- Vosc (V)	44.97	49.5	46.78	46.2
Short Circuit Current (A)	9.05	8.60	9.12	9.38
Module Efficiency ηm (%)	16.5	16.60	16.9	17.25

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

ELECTRICAL DATA@NOCT	SL726-310	SL726-320	SL726-330	SL726-335
Peak Power Watts - Pmax (Wp)	216	223	240	244
Maximum Power Voltage- V mpp (V)	32.70	32.72	33.6	33.9
Maximum Power Current- Impp (A)	7.62	6.83	7.05	7.22
Open Circuit Voltage- Vosc (V)	41.68	41.92	42.6	42.1
Short Circuit Current - Isc (A)	6.95	7.05	7.66	7.76

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	72 cells (6 x 12)
Module Dimensions	1956 × 994 × 40 mm
Weight	23.5 kg
Glass	3.2 mm, high transparency, AR coated and heat tempered solar glass
Backsheet	White
Frame	Silver Anodized Aluminium Alloy
Junction Box	Waterproof IP 67 enclosure with bypass diodes
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	-0,42 %/°C
Temperature Coefficient of Voc	-0,32 %/°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)