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**Solar Panel Guide
Specification Data Sheet**

**Profpanel LLC
SLN-60P 250-265
SLN-60P-260**

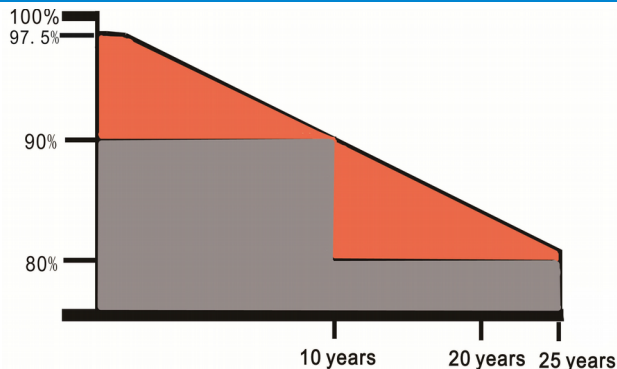
Also available on the web at
EnergyPal.com/profpanel-llc-solar-panels/sln-60p-260

SLN-60 Poly- 250/255/260/265/270/275



SLN-60 Poly-XXX is a solar module with 60 poly-crystalline solar cells. These modules can be used for ON-Grid and OFF-Grid solar applications. Our design and manufacturing techniques ensure a high-yield, long-term performance for every produced module. Our quality control and in-factory testing facilities guarantee Solaron modules meet the highest quality standards possible.

Industry-leading warranty



- 25 year transferable power output warranty: 10 year/90%; 25 year /80%
- Based on nominal power
- 10 year material and workmanship warranty



Features

- High module conversion efficiency (up to)
- Guaranteed 0~ +5W positive power output tolerance ensure high reliability
- Excellent performance under low light environments (morning, evening, and cloudy days)

Electrical characteristics STC

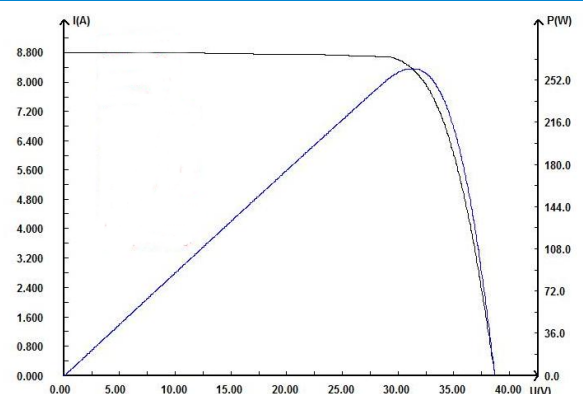
Nominal Power (P_{max})	250W	255W	260W	265W				
Open Circuit Voltage (V_{oc})	38.50	38.75	38.69	38.66				
Short Circuit Current (I_{sc})	8.73	8.75	8.75	8.86				
Voltage at Nominal Power (V_{mp})	30.85	31.20	31.4	31.66				
Current at Nominal Power (I_{mp})	8.20	8.20	8.29	8.39				
Module Efficiency	15.4%	15.7%	16%	16.3%				
Operating Temperature	-45°C+85°C							
Maximum System Voltage	1000 V							
Maximum Series Fuse Rating	15 A							

STC : Irradiance 1000 W/m², Cell temperature 25°C, AM1.5

Temperature coefficients

Current (% °K)	0.0527
Voltage (% °K)	-0.3260
Power (% °K)	-0.3970

IV Curve



Construction materials

Solar cells	Polycrystalline 156.75x156.75 mm
Cell configuration	60 cells (10x6)
Module dimension	1640x992x40 mm
Weight	18 kg
Front cover	3.2mm, high transmission, low iron, tempered glass
Back cover	Wight backsheet, TPT
Frame	Anodized aluminum
J-Box	IP67, 1000DC, 3 bypass diods
Cables	4.0mm (12AWG). 1000Mm length (customer demand)

