

SunPower

P Class Solar Panel

Product: SPR-NT60-DR

560–570 W | Up to 23.9% efficient



Ideal for residential applications



Framed glass-glass



One-third cut, 4.0 shingled-cell design

Maximum energy creation

- World-record efficiency¹
- Latest Shingle TOPCon technology
- Competitive LCOE
- Optimized for partial shading

Superior aesthetics & design

- Sleek panel technology
- Resistance to micro-crack, soiling, heat, wind and hail
- Extended certification scope

Unrivalled sustainability and service

- Lead and PFAS free, RoHS and REACH-SVHC compliant
- Part of TCL SOLAR ecosystem
- 30 years service coverage



Comprehensive warranty coverage

Product, service and power coverage	30 years
Year 1 minimum warranted output	99.0%
Maximum annual degradation	0.40%



Electrical Data, Front STC Characteristics ²			
	SPR-NT60-DR570	SPR-NT60-DR565	SPR-NT60-DR560
Nominal Power (P _{nom}) ³	570 W	565 W	560 W
Power Binning	3/0%	3/0%	3/0%
Panel Efficiency	23.9%	23.7%	23.5%
Rated Voltage (V _{mpp})	38.44 V	38.21 V	37.99 V
Rated Current (I _{mpp})	14.84 A	14.80 A	14.75 A
Open-Circuit Voltage (V _{oc}) ³	45.09 V	44.87 V	44.65 V
Short-Circuit Current (I _{sc}) ³	15.93 A	15.87 A	15.84 A

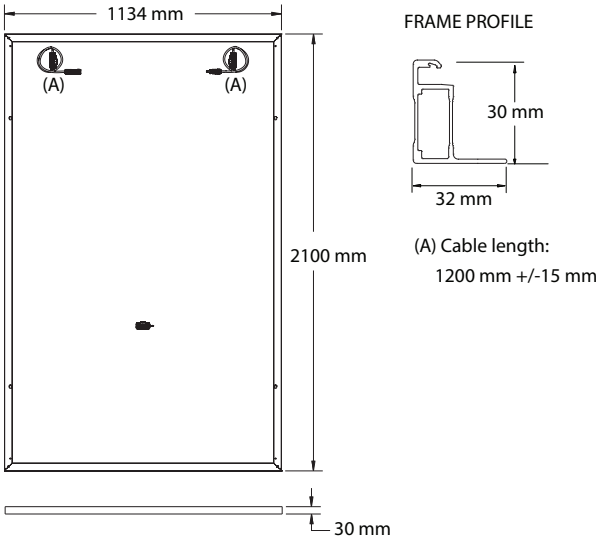
Electrical Data	
Maximum System Voltage	1500 V IEC
Testing Temperature	-40°C to +85°C
Operation Temperature	-40°C to +70°C (IEC TS 63126)
Maximum Series Fuse	25 A
Power Temp. Coef.	-0.29% / °C
Voltage Temp. Coef.	-0.25% / °C
Current Temp. Coef.	0.045% / °C

Packaging Configuration	
Number of modules per pallet	33
Number of pallets per 40ft HQ container	20
Number of modules per container	660

Tests And Certifications	
Standard Tests	IEC 61215, IEC 61730
Fire Rating	Class A (IEC 61730-2 / UL 790)
Protection Class	Class II (IEC 61140)
Quality Certs	ISO 9001:2015, ISO 14001:2015
EHS Compliance	ISO 45001:2018, ISO 50001:2018, Recycling Scheme



Mechanical Data	
Solar Cells	N-Type TOPCon Shingled
Glass	2.0 mm + 2.0 mm, high transmission heat strengthened glass, AR coating on front glass
Junction Box	IP-68, 3 bypass diodes
Connector	Stäubli MC4-EVO2A
Weight	28.7kg
Max. Load ⁴	Wind: 2400 Pa, 245 kg/m ² front & back Snow: 5400 Pa, 550 kg/m ² front
Impact Resistance	25 mm diameter hail at 23 m/s
Frame	Black anodized aluminum alloy



Please read the safety and installation instructions. Visit www.sunpowerglobal.com/PVInstallGuide. Paper version can be requested through techsupport.EN@sunpowerglobal.com

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1 Based on <https://taiyangnews.info/topmodules/top-solar-modules-listing-january-2025>.
2 Standard Test Conditions (1000 W/m² irradiance, AM 1.5, 25° C). NREL calibration Standard: SOMS current, LACCS FF and Voltage.
3 Measurement tolerances (P_{max}/V_{oc} +/-3%, I_{sc} +/-4%).
4 Test load as per IEC 61215-2 is equal to design load with safety factor = 1.5. See "Safety and Installation Instructions" for details.