



Electrical Data

Typ. Nominal Power P_N	G-255 Wp	G-260 Wp	G-265 Wp	G-270 Wp
Typ. Nominal Voltage V_{mp} (V)	29.94	30.25	30.55	30.85
Typ. Nominal Current I_{mp} (A)	8.52	8.60	8.68	8.76
Typ. Open Circuit Voltage V_{OC} (V)	37.29	37.60	37.91	38.22
Typ. Short Circuit Current I_{SC} (A)	9.12	9.19	9.26	9.33

- Above data are effective as the measurement at Standard Test Conditions (STC)
- STC : Radiation strength 1000 W/m², spectral distribution AM 1.5, temperature 25 ± 2° C, in accordance with EN 60904-3
- The given electrical data are nominal values which account for basic measurements and manufacturing tolerances of ±10%, with the exception of P_N . The classifications is performed according to P_N .

Mechanical Characteristics

Dimensions(L x W x H)	1663x998 x 35 mm
Weight	18 kg / 20 kg
Front Glass	High transparent solar glass (tempered), 3.2 mm/4.0 mm
Cell	60 Monocrystalline solar cells, 156mmx156mm
Cell Encapsulation	EVA
Black Sheet	Composite film
Frame	Anodized aluminum frame
Junction Box	Junction box with 3 bypass diodes
Cables	1x4 mm ² , length: each 1.0m
Connector Type	MC4 compatible

Operating Conditions

Mechanical Load	5400 Pa (Certified by TÜV Inter Cert Saar)
Maximum System Voltage	IEC:DC1000 V/UL:DC 600 V
Series Fuse Rating	15 A
Operating Temperature	-40 to 85°C

Temperature Characteristics

Nominal Operating Cell Temperature	44.1°C ± 2°C
Temperature Coefficient of I_{sc}	0.05 % / °C
Temperature Coefficient of V_{oc}	-0.35 % / °C
Temperature Coefficient of P_{max}	-0.46 % / °C

* The above values are effective for an irradiation of 1000 W/m², AM 1.5, and a cell temperature of 25°C according to STC 20°C, wind speed 1m/s

SOLAR PV MODULES
MONOCRYSTALLINE

%80 PERFORMANCE WARRANTY FOR 25 YEARS

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MATERIAL AND LABOUR WARRANTY FOR 10 YEARS

270 W THE MAXIMUM POWER OUTPUT



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