



510-550 W Power Range

- Peak module efficiency: 26%+
- Single-glass / double-glass construction
- Mechanical load: front 5,400 Pa / rear 2,400 Pa

Peak module efficiency

Power tolerance

Operating temperature

Front-side load

Dimensions in mm



Rear view

Side view

Module dimensions
1,762 × 1,134 × 30 mm

Cell configuration
96 cells / 6 × 16 layout

Glass construction
Single / double glass

Cables / connectors
240 mm / 4 mm² / MC4

Parameter	510	520	530	540	550
Nominal Maximum Power (Pmax) [W]	510	520	530	540	550
Current at Maximum Power (Imp) [A]	13.53	13.75	13.98	14.20	14.43
Voltage at Maximum Power (Vmp) [V]	37.83	37.97	38.11	38.25	38.39
Short-Circuit Current (Isc) [A]	13.77	13.98	14.20	14.41	14.63
Open-Circuit Voltage (Voc) [V]	46.10	46.26	46.42	46.58	46.74

STC (Standard Test Conditions): irradiance $1,000 \text{ W/m}^2$;
cell temperature 25°C ; AM 1.5 spectrum.

Maximum design load: front 3,600 Pa / rear 1,600 Pa
Safety class II · Fire rating: Class C · NMOT: 45 ± 2 °C