

460W PERC Half-Cell Technology



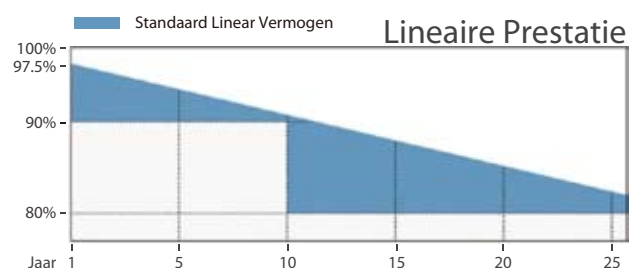
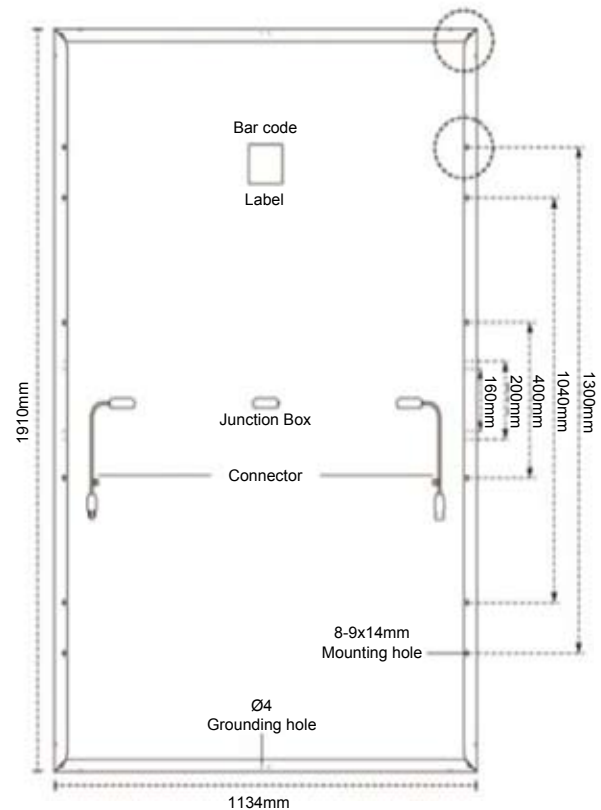
- Betere prestaties
- Compacte afmeting
- Hoge efficiëntie
- Weerbestendig IP68
- 12 jaar product garantie
- 30 jaar lineair vermogen
- Volledig zwart

Module Efficiency
21.24%



Technische Specificaties

Model	HQ460-120M	
Max Power(Pmax) [W]	460	
Open Circuit Voltage(Voc) [V]	42.0	
Short Circuit Current(Isc) [A]	13.78	
Max Power Voltage(Vmp) [V]	35.5	
Max Power Current(Impp) [A]	12.97	
Module Efficiency [%]	21.24	
Power Tolerance	0-5W	
Max System Voltage	1000V/1500V/DC(IEC)	
Max Series Fuse Rating	20A	
Operating Temperature	-40 °C to + 85 °C	
STC	Irradiance 1000W/m ² , cell temperature 25 °C, AM1.5G	
Max Power(Pmax) [W]	342	
Open Circuit Voltage (Voc)	39.4	
Short Circuit Current (Isc)	11.16	
Maximum Power Voltage (Vmp)	33.3	
Maximum Circuit Current (Imp)	10.29	
NMOT	45 °C (±2 °C)	
Solar Cells	Mono 182x91mm Half-Cell 120 (6x20)	
Dimensions	1910x1134x35mm	
Weight	24kg	
Front Load	5400Pa	
Connector Type	PV Connector	
Junction Box	Rated Current:20A, IP68	
Cables	4mm ² (IEC)	
Glass	3.2mm High Transmission, Antireflecting coat.	
Frame	Anodized Aluminium Alloy	
Withstanding Hail	Max.diam. 25 mm impact speed 23 m·s ⁻¹	
Temperature Coefficient of Pmax	γ (Pm)	-0.35%/°C
Temperature Coefficient of Voc	β (Voc)	-0.31%/°C
Temperature Coefficient of Isc	α (Isc)	0.05%/°C



12 Jaar Product Garantie 30 Jaar Lineair Vermogen