

KEY FEATURES



5 Busbar Solar Cell:

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



High Efficiency:

Higher module conversion efficiency (up to 20.17%) benefit from Passivated Emmitter Rear Contact (PERC) technology.



PID Resistance:

Excellent Anti-PID performance guarantee limited power degradation for mass production.



Low-light Performance:

Advanced glass and surface texturing allow for excellent performance in low-light environment.



Severe Weather Resilience:

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability Against Extreme Environmental Conditions:

High salt mist and ammonia resistance certified by TUV NORD.



Nominal Max. Power (Pmax)	160W	180W	190W	200W
Opt. Operating Voltage (Vmp)	17.8V	18.9	19.45V	20.85V
Opt. Operating Current (Imp)	8.98A	9.52A	9.76A	9.6A
Open Circuit Voltage (Voc)	21.36V	22.42	23.29V	24.9V
Short Circuit Current (Isc)	9.69A	9.51A	10.45A	10.36A
Module Efficiency	15.50%	16.50%	19%	20.17%
Operating Temperature	~40°C ~ +85°C			
Max. System Voltage	1500V (IEC) or 1000V (IEC)			
Module Fire Performance	CLASS C (IEC 61730)			
Max. Series Fuse Rating	20 A			
Application Classification	Class A			
Power Tolerance	0 ~ + 10 W			
Cell Type	156.75mm wafer/Mono		158.75mm wafer/Mono	
Cell Arrangement	36 [12 × 6]			
Dimensions	1480 × 670 × 30 mm			1490 × 670 × 30 mm
Weight	12kg			
Front Cover	3.2 mm tempered glass			
Frame	Anodized aluminium alloy, crossbar enhanced			
J-Box	IP68, 3 bypass diodes			
Cable	4 mm ² (IEC)			
Per Pallet	30 pieces			
Per Container	40HQ/2000 pieces			

