

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 20.08%) 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 cell surface textured design ensure 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)	280W	290W	300W	320W	325W	330W	335W
Opt. Operating Voltage (Vmp)	32.3V	32.5V	32.7V	33.4V	33.6V	33.8V	34V
Opt. Operating Current (Imp)	8.67A	8.92A	9.17A	9.59A	9.68A	9.77A	9.87A
Open Circuit Voltage (Voc)	38.76V	39V	39.24V	40.9V	41.1V	41.3V	41.5V
Short Circuit Current (Isc)	9.36A	9.63A	9.9A	10.15A	10.2A	10.31A	10.36A
Module Efficiency	17.00%	18.00%	19%	19.18%	19.48%	19.78%	20.08%
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	60 [10× 6]						
Dimensions	1640 × 992 × 35 mm				1665 × 1002 × 35 mm		
Weight	19 kg (41.9lbs)						
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/1000 pieces						