

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 Power Output:

Monocrystalline 96-cell module achieves a power output up to 500Wp.



PID RESISTANT:

Eagle modules pass PID test, limited power degradation by PID test is guaranteed for mass production.



Low-light Performance:

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



Severe Weather Resilience:

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



Durabist Extreme Environmental Conditions:

High salt mist and ammonia resistance certified by TUV NORD.



Temperature Coefficient:

Improved temperature coefficient decreases power loss during high temperatures.



Nominal Max. Power (Pmax)	490W	500W
Opt. Operating Voltage (Vmp)	49.12V	49.77V
Opt. Operating Current (Imp)	9.98A	10.05A
Open Circuit Voltage (Voc)	58.94V	59.72V
Short Circuit Current (Isc)	10.78A	10.85
Module Efficiency	20	21
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	
Cell Arrangement	96 [12 × 8]	
Dimensions	1956 × 1310 × 45 mm	
Weight	22.5 kg (49.6lbs)	
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/510 pieces	