










## KEY FEATURES

### MORE POWER

-  Module power up to 550 W  
Module efficiency up to 21.5%
-  Up to 4.5 % lower LCOE  
Up to 5.6 % lower system cost
-  Comprehensive LID / LeTID mitigation technology, up to 50% lower degradation
-  Compatible with mainstream trackers, cost effective product for utility power plant
-  Better shading tolerance

### MORE RELIABLE

-  Minimizes micro-crack impacts
-  Heavy snow load up to 5400 Pa, wind load up to 2400 Pa\*
-  **12 Years** Enhanced Product Warranty on Materials and Workmanship\*
-  **25 Years** Linear Power Performance Warranty\*



Nominal Max. Power (Pmax)	525W	530W	535W	540W	545W	550W
Opt. Operating Voltage (Vmp)	40.7V	40.9V	41.1V	41.3V	41.5V	41.7V
Opt. Operating Current (Imp)	12.90A	12.96A	13.02A	13.08A	13.14A	13.20A
Open Circuit Voltage (Voc)	48.6V	48.8V	49.0V	49.2V	49.4V	49.6V
Short Circuit Current (Isc)	13.75A	13.80A	13.85A	13.90A	13.95A	14.00A
Module Efficiency	20.50%	20.70%	20.90%	21.10%	21.30%	21.50%
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	30 A					
Application Classification	Class A					
Power Tolerance	0 ~ + 10 W					
Cell Type	182mm wafer /Mono-crystalline					
Cell Arrangement	144 [2 × (12 × 6) ]					
Dimensions	2261 × 1134 × 35 mm (89.0 × 44.6 × 1.38 in)					
Weight	27.8 kg (61.3 lbs)					
Front Cover	3.2 mm tempered glass					
Frame	Anodized aluminium alloy, crossbar enhanced					
J-Box	IP68, 3 bypass diodes					
Cable	4 mm <sup>2</sup> (IEC)					
Per Pallet	30 pieces					
Per Container	40HQ/600 pieces					