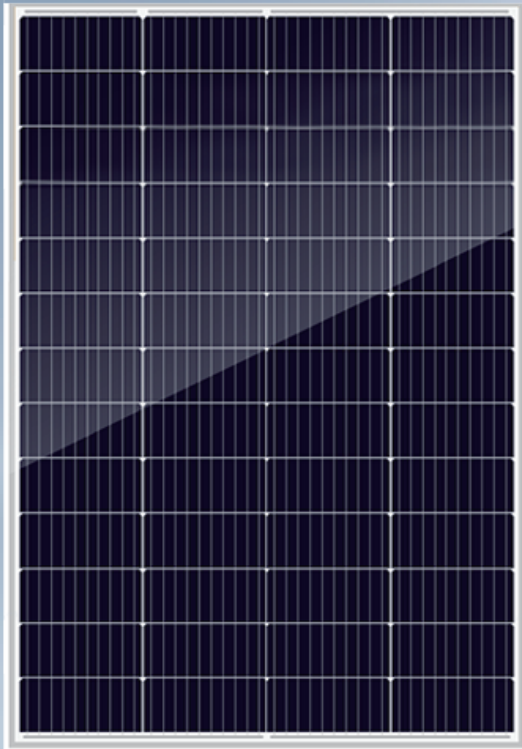


## PERC G12 Series 245-260W

52-cell PERC Half Cell Solar Module



### SMBB design with Half-Cut Technology

Shorter current transmission distance, less resistive loss and higher cell efficiency.



### Sealing with PIB based sealant

Stronger water resistance, greater air impermeability to extend module lifespan.



### Higher reliability

Industrial leading product and performance warranty, ensuring modules' consistent outstanding performance.



### Suitable for Utility project

Lower BOS cost, lower LCOE.

## WARRANTY

Product  
Warranty **15 years**

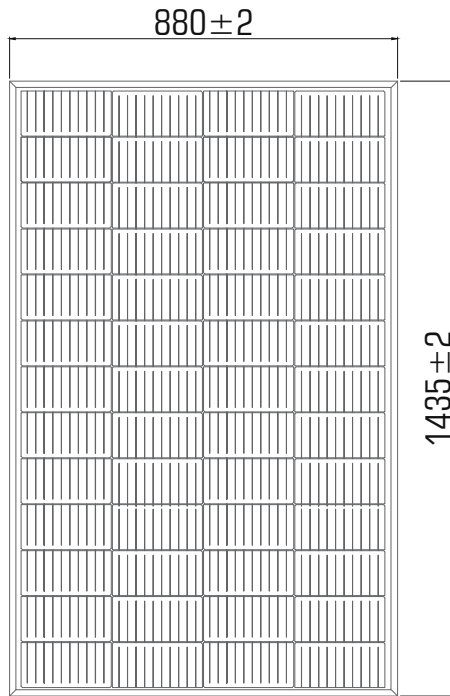
Linear  
Power  
Warranty **25 years**



## PERC G12 Series 245-260W 52-cell PERC Half Cell Module

### Engineering Drawings

Unit: mm



### Electrical Characteristics (STC\*)

<b>THS-E26HP</b>	245W	250W	255W	260W
Maximum Power (Pmax)	245W	250W	255W	260W
Module Efficiency (%)	20.46%	20.46%	20.46%	20.46%
Optimum Operating Voltage (Vmp)	29.80V	29.85V	29.90V	29.95V
Optimum Operating Current (Imp)	8.22A	8.38A	8.53A	8.68A
Open Circuit Voltage (Voc)	35.31V	35.36V	35.41V	35.46V
Short Circuit Current (Isc)	8.85A	9.00A	9.15A	9.30A
Operating Module Temperature	-40 to +85°C			
Maximum System Voltage	DC1000V (IEC)			
Maximum Series Fuse	15A			
Power Tolerance	0~+5W			

\*STC: Irradiance 1000 W/m<sup>2</sup>, cell temperature 25°C, AM=1.5. Tolerance of Pmax is within +/- 3%.

### Temperature Characteristics

Nominal Operating Cell Temp.(NOCT)	45°C ± 2°C
Temperature Coefficient of Pmax	-0.35%/°C
Temperature Coefficient of Voc	-0.28%/°C
Temperature Coefficient of Isc	0.048%/°C

### Safety & Warranty

Safety Class	Class II
Product Warranty	15 yrs Workmanship
Performance Warranty	25 yrs Linear Warranty*

### Mechanical Characteristics

Cell Type	PERC Mono 210X105mm
Cell Connection	52(4X13)
Module Dimension	1435X880X30mm
Weight	13kg
Junction Box	IP67
Output Cable	4mm <sup>2</sup> , 900mm in length, length can be customized/UV resistant
Connectors Type	MC4 original/MC4 compatible
Frame	Anodised aluminum alloy
Encapsulant	EVA
Front Load	5400Pa
Rear Load	2400Pa
Glass Thickness	Solar glass 3.2mm

### Shipping Configurations

Container Type	HC
Container Size	40'
Modules Per Container (pcs)	1392