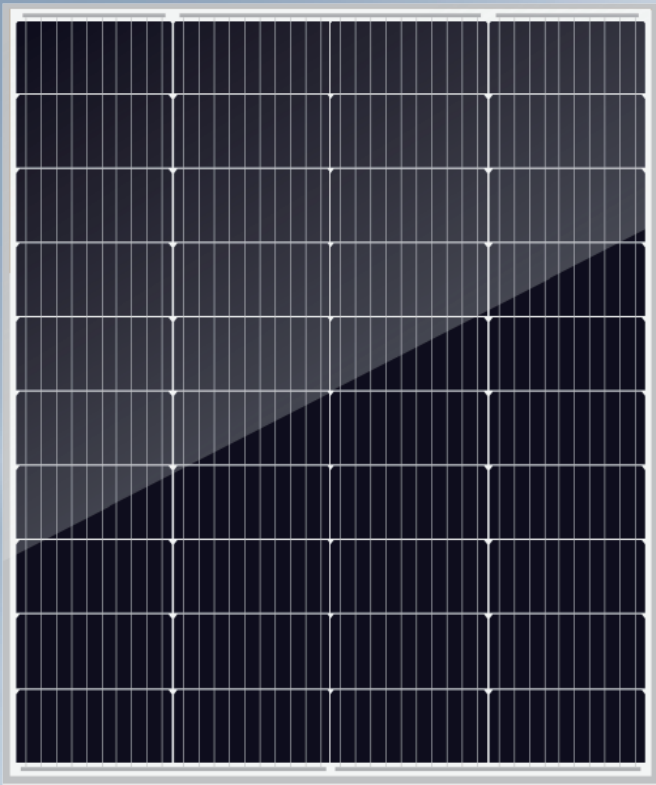


PERC G10 Series 150W

40-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

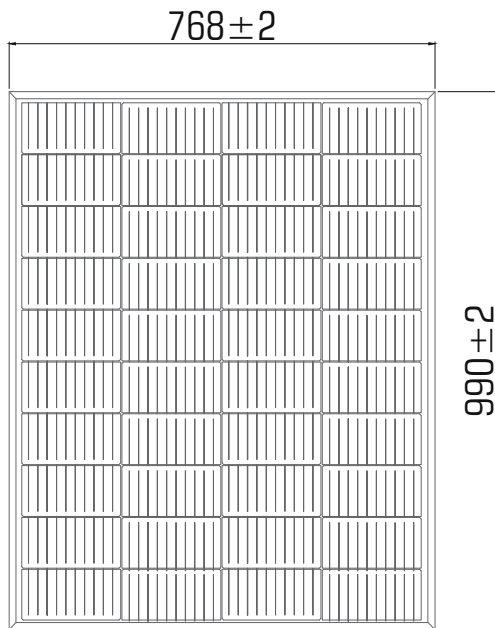
Linear
Power
Warranty **25** years



PERC G10 Series 150W 40-cell PERC Half Cell Module

Engineering Drawings

Unit: mm



Electrical Characteristics (STC*)

THS-D20HP		150W
Maximum Power	(Pmax)	150W
Module Efficiency	(%)	20.0%
Optimum Operating Voltage	(Vmp)	11.60V
Optimum Operating Current	(Imp)	12.94A
Open Circuit Voltage	(Voc)	13.92V
Short Circuit Current	(Isc)	13.48A
Operating Module Temperature		-40 to +85°C
Maximum System Voltage		DC1000V (IEC)
Maximum Series Fuse		20A
Power Tolerance		0~+5W

*STC: Irradiance 1000 W/m², 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 182X91mm
Cell Connection	40(4X10)
Module Dimension	990X768X30mm
Weight	10kg
Junction Box	IP67
Output Cable	4mm ² , 450mm 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)	2376