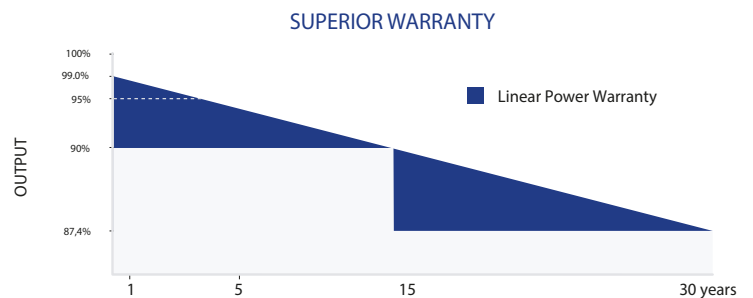





# HELIUS GENESIS max

HMB132T12  
705W - 730W

PREMIUM N-TYPE CELLS  
MBB HALF CELL TECHNOLOGY




INMETRO, IEC 61215, IEC 61730, IEC TS 62804, IEC 61701  
ISO 9001:2008 - ISO 14001:2004 - OSHAS 18001:2007




**SUPERIOR QUALITY**

With MBB technology and half cell design, Helius Sunlink PV panels reduce cover of cell by busbars and improve current collection ability on cloudy days.




**HIGH EFFICIENCY AND POWER DENSITY**

High conversion efficiency and up to 730W. More gain power per square meter.



**PERFORMANCE WARRANTY**

With up to 30 years of solar generation, Helius Sunlink PV warranty can guarantee the longevity of your project.



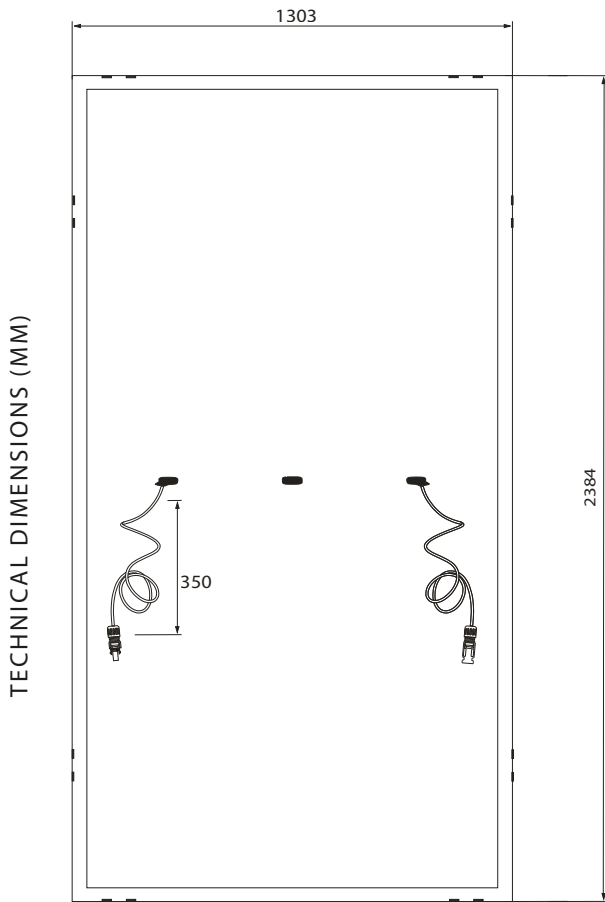
**FIRE-PROOF PERFORMANCE**

Modules are approved and tested under IEC 61730 and Class C Fire Test.



**LIGHT AND RELIABLE**

Much lighter modules with thicker frames to ensure module resilience. Modules could be applied under ammonia, salt mist, high temperature, high humidity condition.

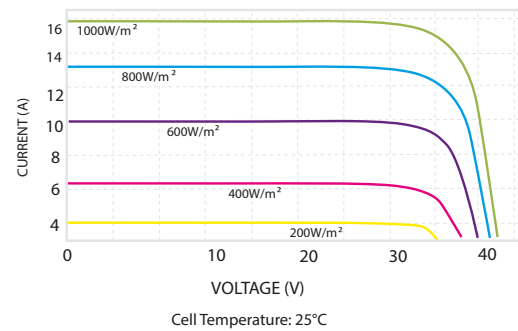


### MECHANICAL CHARACTERISTICS

Dimensions	2384 x 1303 x 30mm
Solar Cells	132 Monocrystalline N-Type Cells
Weight	37.8 kg
Frame	Black Composite
Glass	Double 2.0 mm High Transmission, Low Iron Tempered
J-Box	IP68 / 3 bypass diodes
Cables	4mm / Length 350mm or customized

### TEMPERATURE CHARACTERISTICS

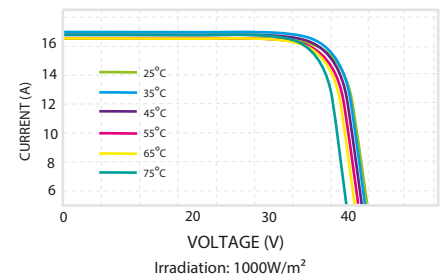
Temperature Coefficient I <sub>sc</sub>	0.045% / °C
Temperature Coefficient V <sub>oc</sub>	-0.25% / °C
Temperature Coefficient P <sub>max</sub>	-0.30% / °C
Nominal Module Operating Temperature NMOT	44°C + -2°C
Operational Temperature	-40°C a +85°C



### ELECTRICAL CHARACTERISTICS

HMB132T12	705CB	710CB	715CB	720CB	725CB	730CB
Maximum Power P <sub>Max</sub> (W)	705	710	715	720	725	730
Maximum Power Voltage V <sub>mp</sub> (V)	40.31	40.48	40.65	40.81	40.98	41.24
Maximum Power Current I <sub>mp</sub> (A)	17.49	17.54	17.59	17.64	17.69	17.70
Open Circuit Voltage V <sub>oc</sub> (V)	48.57	48.77	48.97	49.17	49.37	49.57
Short Circuit Current I <sub>sc</sub> (A)	18.43	18.48	18.53	18.58	18.63	18.67
Module Efficiency	22.7%	22.9%	23.00%	23.20%	23.30%	23.5%
Maximum System Voltage	1500VCC					
Maximum Series Fuse	35A					

Test Conditions: 1000W/m<sup>2</sup>, 25°C, AM=1.5



### ELECTRICAL CHARACTERISTICS WITH REAR POWER GAIN (710W)

P <sub>max</sub> Gain (%)	10%	20%	30%
Maximum Power P <sub>Max</sub> (W)	781	852	923
Maximum Power Voltage V <sub>mp</sub> (V)	40.48	40.48	40.48
Maximum Power Current I <sub>mp</sub> (A)	19.29	21.05	22.80

### PACKAGING CONFIGURATION

Modules per Container 40HQ	648 pcs
Pallets per Container 40HQ	18
Modules per Pallet	36
Pallet Dimensions	1320 x 1125 x 2520mm
Gross Weight per Pallet (kg)	1360

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APRIL 2026

