



恒领新能源 Hengling New Energy

**132 individual monocrystalline N-type double-glass photovoltaic panels, each consisting of half a panel. (710-730W)**

**HL710/715/720/725/730-33V-MHD**

**730W**  
N-type double-sided



Excellent temperature coefficient (Pmax) : -0.290%/°C



Excellent low-light performance: The power generation duration is extended by up to approximately 1 hour during early morning and evening hours.



With lower LID/LeTID attenuation



The double-sided efficiency is 80% ± 5%. The power generation gain increases with enhanced light absorption on the back side, significantly reducing the levelized cost per kilowatt-hour.

**Electrical Performance (STC) Test Conditions: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5**

Model	HL710-33V-MHD	HL715-33V-MHD	HL720-33V-MHD	HL725-33V-MHD	HL730-33V-MHD
Rated Peak Power (W)	710	715	720	725	730
Maximum Power Voltage (V)	40.78	40.9	41	41.13	41.25
Maximum Power Current (A)	17.41	17.48	17.56	17.63	17.7
Open Circuit Voltage (V)	48.84±3%	48.98±3%	49.10±3%	49.26±3%	49.40±3%
Short Circuit Current (A)	18.40±3%	18.48±3%	18.56±3%	18.63±3%	18.71±3%
Component Efficiency (%)	22.86	23.02	23.18	23.34	23.5

**Electrical Performance (BNPT) Test Conditions: Irradiance 1000 W/m<sup>2</sup>, Irradiation Area 135 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5**

Rated Peak Power (W)	787	792	798	804	809
Maximum Power Voltage (V)	40.9	41.02	41.12	41.26	41.37
Maximum Power Current (A)	19.24	19.32	19.4	19.48	19.56
Open Circuit Voltage (V)	48.99±3%	49.13±3%	49.25±3%	49.41±3%	49.55±3%
Short Circuit Current (A)	20.33±3%	20.42±3%	20.51±3%	20.59±3%	20.67±3%

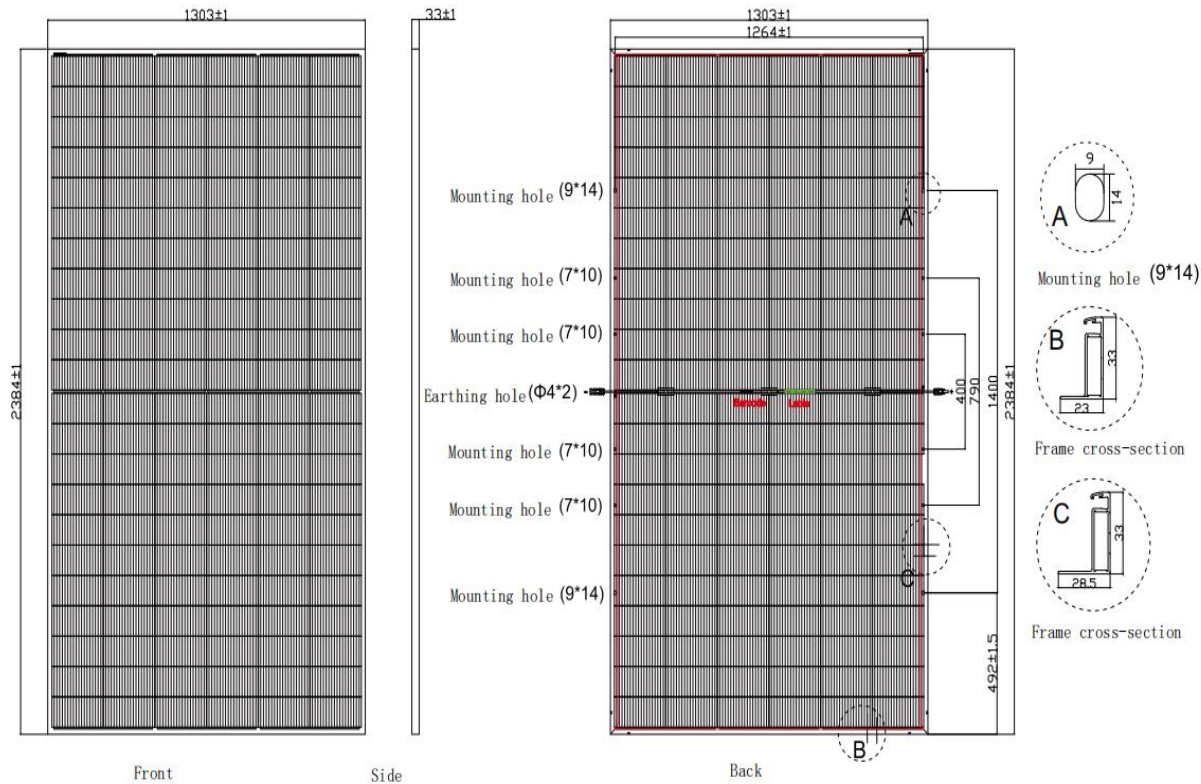
Mechanical Performance		Operating Parameters	
Cell Type (mm)	210 *150 N-type mono silicon cell	Maximum System Voltage	1500V
Number of Battery Chips	130(12×11)	Operating Temperature	-40~+85 °C
Component Size (mm)	2384×1303×33	Maximum Series Fuse Rated Current	30A
Component Weight (kg)	38.00 kg	Storage and Operating Temperature	45~+2°C
Front Glass	2.0mm High-transmittance Tempered Glass	<b>Temperature Coefficients</b>	
Back Glass (mm)	2.0mm Tempered Glass		
Frame Type	Anodized Aluminum Alloy (Silver)	Rated Power Temperature Coefficient	-0.29%/°C
Junction Box	IP68 Protection, 1500V DC, 3 Diodes	Open Circuit Voltage Temperature Coefficient	-0.25%/°C
Output Cable	4.0mm <sup>2</sup> Square Cable, Positive (+) 300mm, Negative (-) 300mm (including connector, positive and negative matching) Or customized lengths	Short Circuit Current Temperature Coefficient	+0.045%/°C
Protection Level	IP68		
Snow Load / Wind Load	5400Pa / 2400Pa		
Safety Protection Class	Class II	<b>Packaging Standard (17.5m Flatbed Truck Loading Data)</b>	
IEC Component Fire Rating	Class A	Number of Components per Truck	825 pieces (25 pallets × 33 pieces)



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### Assembly drawing

Unit: mm



### IV Curve

