

MaxiPower

MW-SP725-2B132DF-10

725W

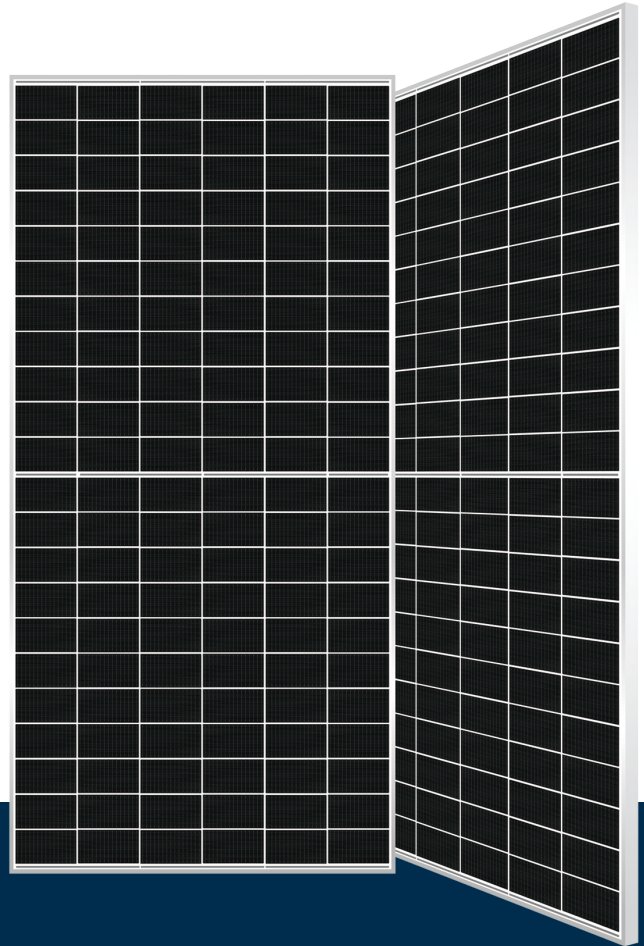
Double Glass HJT PV Module

15
Yrs

**PRODUCT
WARRANTY**

30
Yrs

**LINEAR POWER
WARRANTY**



Features of the Module



HJT Technology

Combining gettering process and double-sided $\mu\text{-Si}$ to maximize cell efficiency and module power.



Up to 90%

Bifaciality

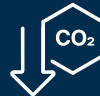
vs PERC: 70%.
vs TOPCon: 80%.



-0.26%/°C

Pmax Temperature Coefficient

vs PERC: -0.34% / °C.
vs TOPCon: -0.31% / °C.



~40%

Lower Carbon Footprint

Thinner cell using less silicon; Manufactured under lower temperature, with fewer cell production processes.



23.50%

Max. Module Efficiency

5%~10% higher than PERC and TOPCon.

Electrical Characteristics (STC*)

Module Type	MW-SP725
Maximum Power (Pmax)	725W
Module Efficiency	23.34%
Maximum Power Voltage (Vmp)	42.83V
Maximum Power Current (Imp)	16.93A
Open Circuit Voltage (Voc)	50.88V
Short Circuit Current (Isc)	17.73A
Operating Temperature	-40 °C to +85 °C
Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	35A
Power Tolerance	0 ~ +5W
Bifaciality	85% ± 5%

*STC: Irradiance 1000 W/m², cell temperature 25°C, AM=1.5. Tolerance of Pmax is within +/- 3%.

BSCT**

Module Type	MW-SP725
Maximum Power (Pmax)	795W
Maximum Power Voltage (Vmp)	42.83V
Maximum Power Current (Imp)	18.57A
Open Circuit Voltage (Voc)	50.88V
Short Circuit Current (Isc)	19.44A

**BSCT: Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM=1.5, ambient temperature 25 °C.

Mechanical Characteristics

Cell Type	HJT Mono 210 × 105mm
Cell Connection	132 (6×22)
Module Dimension	2384×1303×35 mm
Weight	38.7 kg
Junction Box	IP68
Output Cable	4mm ² , 300mm in length, length can be customized / UV resistant
Connectors Type	MC4 original
Frame	Anodised aluminum alloy
Front Load	5400Pa
Rear Load	2400Pa
Glass Thickness	Double glass, 2.0mm

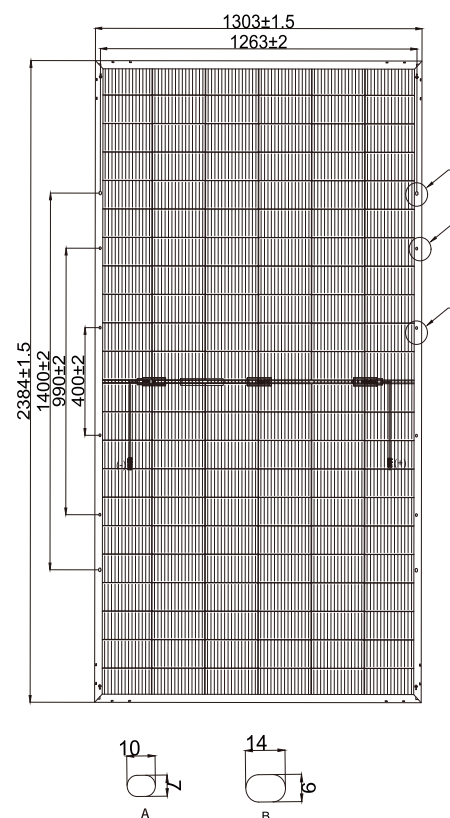
Shipping Configurations

	HC
Container Size	40'
Pallets Per Container	18
Modules Per Pallet (pcs)	31
Modules Per Container (pcs)	558

* The module recycling should be carried out by the professional institutions at the end of module life cycle
 * Copyright@2023 Specifications are subject to change without further notification

Engineering Drawings

Unit: mm



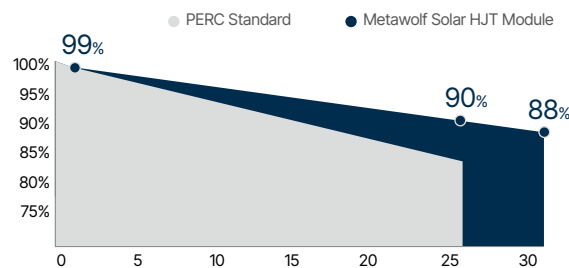
Temperature Characteristics

Nominal Operating Cell Temp. (NOCT)	44°C±2°C
Temperature Coefficient of Pmax	-0.26%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	0.04%/°C

Safety & Warranty

Safety Class	Class II
Product Warranty	15 yrs Workmanship
Performance Warranty	30 yrs Linear Warranty*

*Our warranty terms and conditions apply.



*Refer to Metawolf Solar standard warranty for details.