

Monofacial Modules

Half Cell Mono PERC

DAS-WH108PA 400W ~ 415W



High Efficiency

Module efficiency leading in industry, up to 21.0%



High Reliability

15-year materials warranty, 25-year power warranty



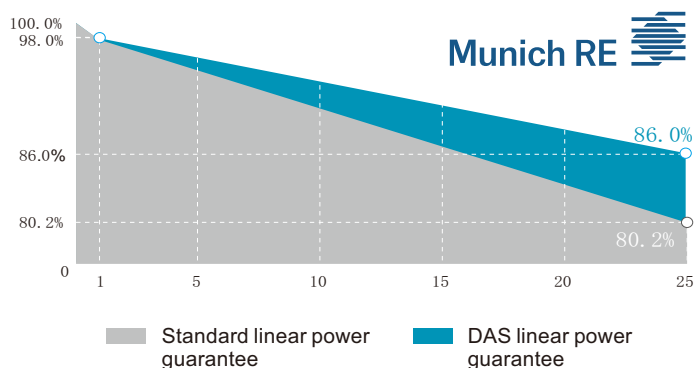
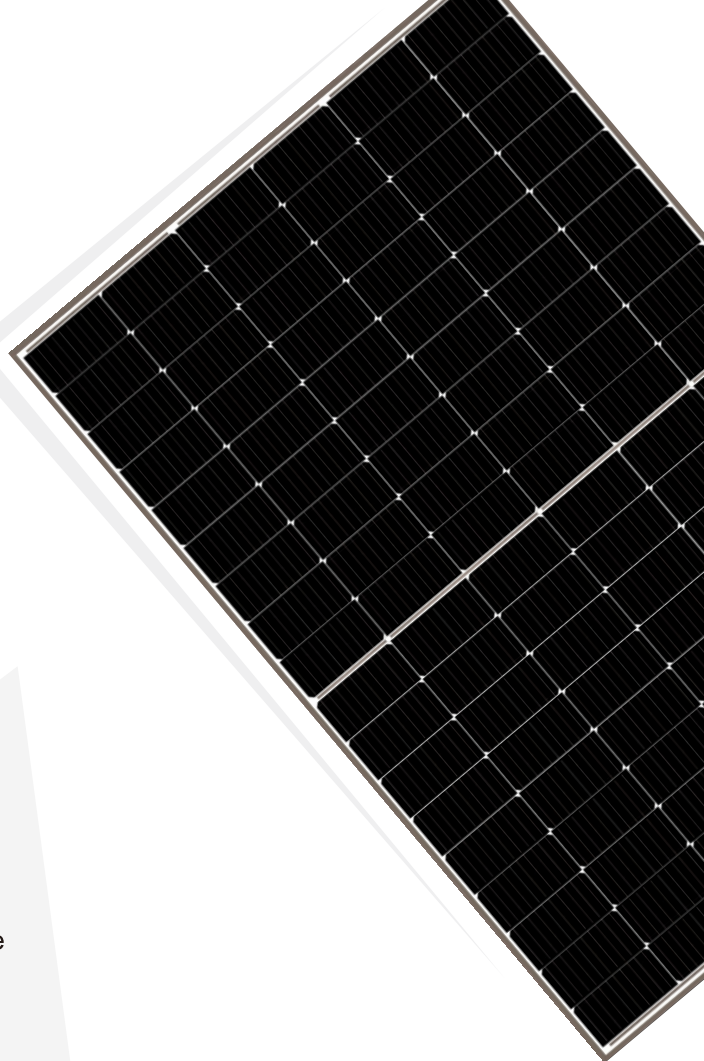
Low Hot-spot Risk

1/2 current, reducing the hot spot temperature



Half Cell, MBB Technology

Series-then-parallel cell connection design, more reliable soldering technology



Product And Quality Certifications

- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environmental Management System
- ISO 45001: 2018 EHS Management System

-2.00%
First year power degradation
-0.50%
Annual degradation



Electrical Parameters (STC*)

Module Type	DAS-WH108PA-410	DAS-WH108PA-405	DAS-WH108PA-400
Nominal Max. Power(Pmax/W)	410	405	400
Open Circuit Voltage(Voc/V)	37.55	37.38	37.21
Short Circuit Current(Isc/A)	13.85	13.76	13.67
Operating Voltage(Vmp/V)	31.52	31.35	31.18
Operating Current(Imp/A)	13.01	12.92	12.83
Module Efficiency(%)	21.0	20.7	20.5

STC*(Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25°C, AM1.5

Mechanical Parameters

Cell size	Mono PERC 182mm*91mm
Module size	1724×1134×35mm (L x W x H)
Glass Thickness	3.2mm
Module Weight	20.8Kg
Output Cable	4mm ² , cable length 300mm (can be customized)
Connector	1.QC4.10-cd ;2. PV-KST4-EVO2/xy_UR (male),PV-KBT4-EVO2/xy_UR(female); 3.PV-ZH202B;4.YC4;5.QC4.10-cds;6.PV-TT02;
J-Box	IP68, 3 bypass diodes
Frame	Anodized aluminium alloy

Temperature Coefficients

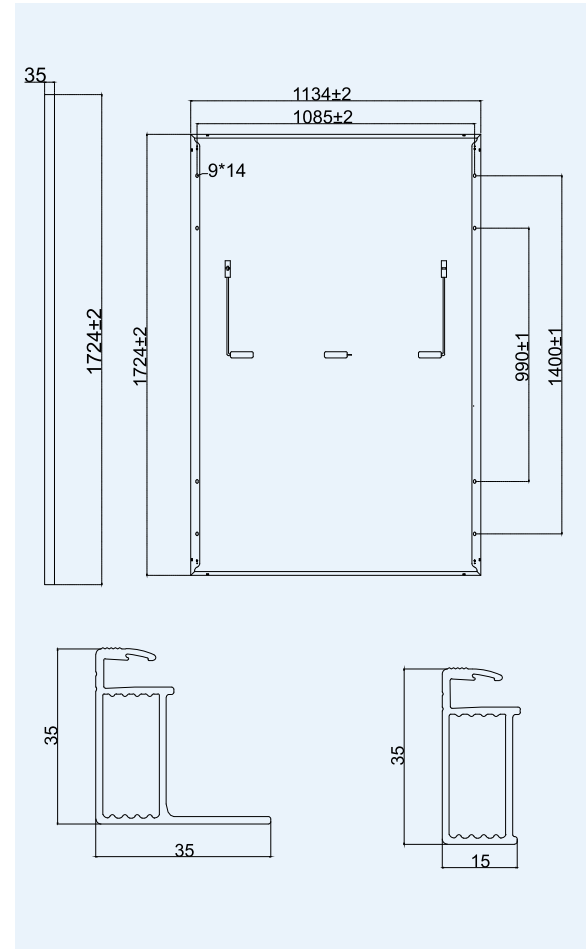
Short Circuit Current(Isc)	+0.048%/°C
Open Circuit Voltage(Voc)	-0.28%/°C
Nominal Max. Power(Pmax)	-0.35%/°C

Operating Parameters

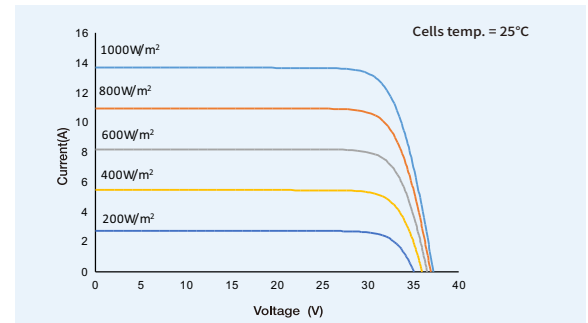
Max. System Voltage	DC1500V
Power Selection	0~+5W
Power Tolerance	±3%
Open Circuit Voltage Tolerance	±2%
Short Circuit Current Tolerance	±4%
Operating Temperature	-40°C ~ +85°C
Max. Fuse Rated Current	25A
Designed Mechanical Load	Positive 3600Pa, Negative 1600Pa
Safety Class	Class II
Packing Specification	31 pcs/Pallet, 186 pcs/ 20'GP; 806pcs/ 40'HQ;

* Manufactured and assembled in China

Dimension



I-V curve



I-V curve

