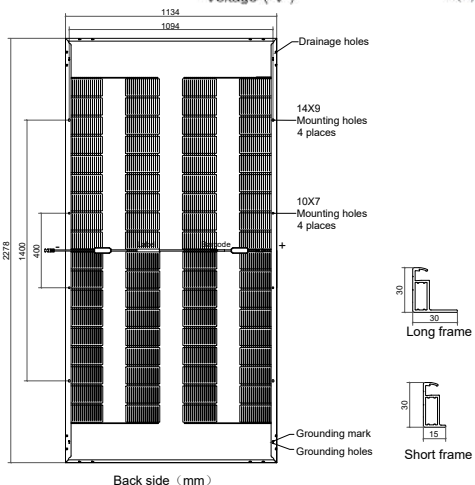
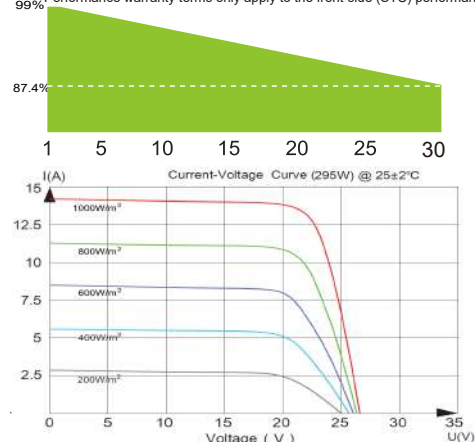


15 Years Product Warranty

30 Years Peak Power Warranty

Performance warranty terms only apply to the front-side (STC) performance



290 / 295 / 300 / 305

GHxxxM10T-B36HST

~48% transparent area



Agrisolar Applications

Combining agriculture and electricity generation.



Optimized light management

Improving growth conditions while maintaining energy production.



Environmentally friendly product

Focus on the circular economy – low carbon footprint, PFAS-free, and recyclable components.

Electrical Specifications at STC&BNPI

Module Type	GH290M10T-B36HST		GH295M10T-B36HST		GH300M10T-B36HST		GH305M10T-B36HST	
Isc(BSI) (A)	17.23		17.34		17.45		17.56	
Test Conditions	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI
Maximum Power (Pmax/W)	290	321	295	326	300	332	305	337
Maximum Power Current (Imp/A)	13.19	14.56	13.27	14.64	13.35	14.73	13.43	14.82
Maximum Power Voltage (Vmp/V)	21.97	22.00	22.20	22.23	22.43	22.46	22.66	22.69
Short-circuit Current (Isc/A)	13.96	15.36	14.05	15.46	14.14	15.56	14.23	15.66
Open-circuit Voltage (Voc/V)	26.25	26.25	26.45	26.45	26.65	26.65	26.85	26.85
Module Efficiency (%)	11.23%		11.42%		11.61%		11.81%	

Bifaciality: 80%±5%
 $\eta_{Isc}=80\%\pm 5\%$, $\eta_{Voc}=100\%$
 $\pm 3\%$, $\eta_{Pmax}=80\%\pm 5\%$

STC: AM1.5 1000W/m² 25°C BNPI: AM1.5 Front radiation 1000W/m², Rear radiation 135W/m², Module temperature 25°C
 BSI: E=1000W/m², E=300W/m², AM1.5, T=25°C

Measurement tolerance: Isc: ±4%, Voc: ±3%,
 Pmax: ±3%

Mechanical Data

Cell Type	N type Mono-crystalline
Cell Arrangement	72(4x18)
Module Dimensions	2278x1134x30mm
Weight	31.3kg
Module Structure	Glass/Encapsulant/Glass
Glass Thickness	2.0mm+2.0mm
Safety Class	Class II
Junction Box Rating	IP68
Cables+connector	4mm ² /(+)-110mm;(-)-350mm or Customized
Connector Type	Stäubli: PV-KST4-EVO2/xy, UR, PV-KBT4-EVO2/xy, UR, PV-KST4-EVO2A/xy, PV-KBT4-EVO2A/xy; Sunter: PV-ZH202B

Packaging

Pallet Dimensions	2320×1140×1250mm
Container	40'HQ
Pieces per Pallet	36
Pieces per Container	720

Temperature Characteristics

Nominal Module Operating Temperature	42±2°C
Temperature Coefficient of Isc	+0.048%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Pmax	-0.29%/°C

Maximum Ratings

Operating Temperature (T98)	-40°C to +70°C	Maximum Series Fuse Rating	30A
Maximum Design Load Capacity ¹	+3600Pa/ -2400Pa	Maximum System Voltage	1500V DC (IEC)
Fire Class (Under UL790)	Class C	Power Output Sorting Tolerance (%)	0-3

¹The loading values will change according to different installing methods, please see installation manual for instructions

Statement: DMEGC reserve the right optimize the above data from time to time. Made in China