

385 / 390 / 395 / 400

GHxxxM10T-B48HST

~33% 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

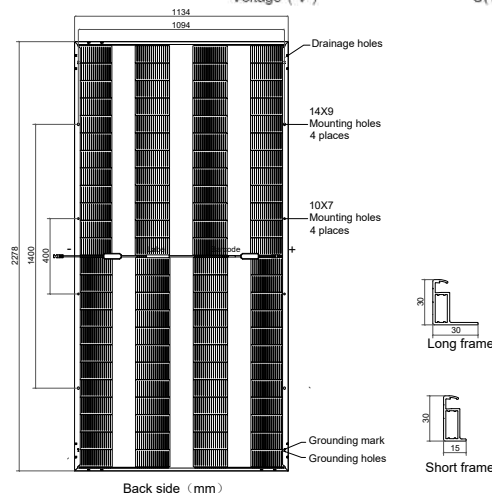
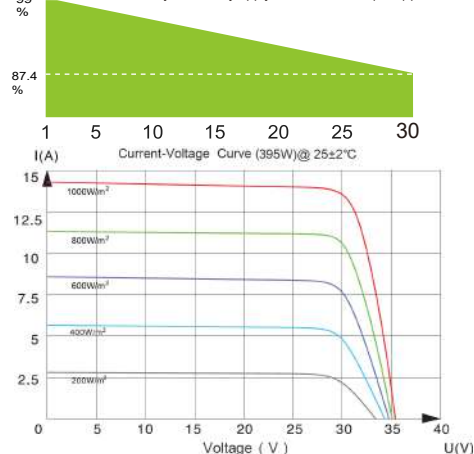
Module Type	GH385M10T-B48HST		GH390M10T-B48HST		GH395M10T-B48HST		GH400M10T-B48HST	
Isc(BSI) (A)	17.21		17.31		17.41		17.51	
Test Conditions	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI
Maximum Power (Pmax/W)	385	426	390	431	395	437	400	442
Maximum Power Current (Imp/A)	13.20	14.56	13.28	14.65	13.36	14.74	13.44	14.83
Maximum Power Voltage (Vmp/V)	29.19	29.23	29.40	29.44	29.61	29.65	29.82	29.86
Short-circuit Current (Isc/A)	13.95	15.35	14.03	15.44	14.11	15.52	14.19	15.61
Open-circuit Voltage (Voc/V)	34.93	34.94	35.13	35.14	35.33	35.34	35.53	35.54
Module Efficiency (%)	14.90%		15.10%		15.29%		15.48%	

Bifaciality: 80%±5%
 $\eta_{Isc}=80\%\pm5\%$, $\eta_{Voc}=100\%$
 $\pm3\%$, $\eta_{Pmax}=80\%\pm5\%$

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%

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



Mechanical Data

Cell Type	N type Mono-crystalline
Cell Arrangement	96(4x24)
Module Dimensions	2278x1134x30mm
Weight	31.5kg
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