

355 / 360 / 365 / 370

GHxxxM10T-B44HST

~38% transparent area

**Agrisolar Applications**

Combining agriculture and electricity generation.

**Optimized light management**

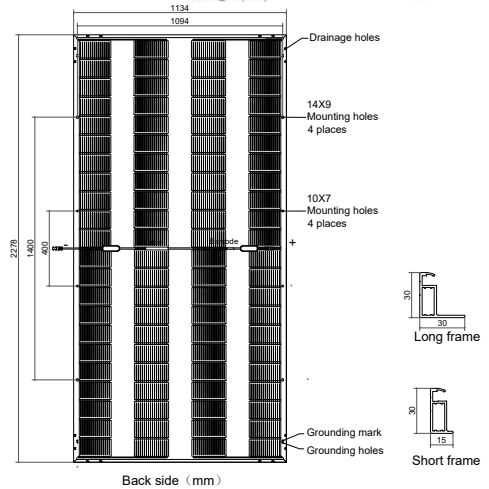
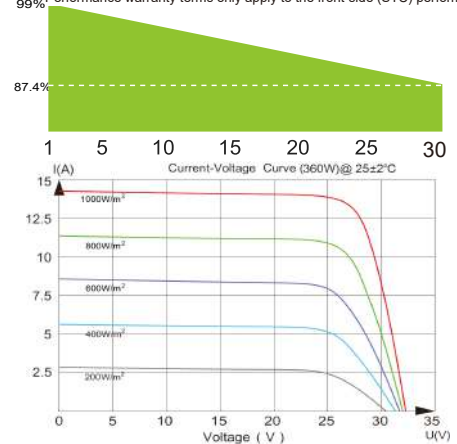
Improving growth conditions while maintaining energy production.

**Environmentally friendly product**

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

Electrical Specifications at STC&BNPI

Module Type	GH355M10T-B44HST		GH360M10T-B44HST		GH365M10T-B44HST		GH370M10T-B44HST	
Isc(BSI) (A)	17.26		17.36		17.46		17.56	
Test Conditions	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI
Maximum Power (Pmax/W)	355	392	360	398	365	403	370	409
Maximum Power Current (Imp/A)	13.25	14.62	13.33	14.71	13.44	14.80	13.52	14.89
Maximum Power Voltage (Vmp/V)	26.81	26.84	27.02	27.05	24.94	27.26	25.17	27.47
Short-circuit Current (Isc/A)	13.99	15.39	14.07	15.48	14.15	15.57	14.23	15.66
Open-circuit Voltage (Voc/V)	32.04	32.04	32.24	32.24	32.44	32.44	32.64	32.64
Module Efficiency (%)	13.74%		13.94%		14.13%		14.32%	

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_r=300W/m², AM1.5, T=25°CMeasurement tolerance: Isc: ±4%, Voc: ±3%,
Pmax: ±3%**Mechanical Data**

Cell Type	N type Mono-crystalline
Cell Arrangement	88(4x22)
Module Dimensions	2278x1134x30mm
Weight	31.4kg
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