

## N-Type

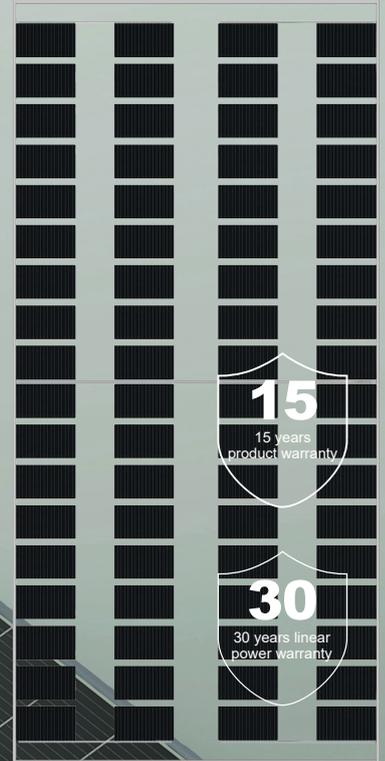
Bifacial Module designed for Agrivoltaic, Greenhouse

# GHxxxG12RT-B36HST

## 340~355W

~44% Transparent area

- **Leading manufacturing**  
40+ years experience in high-tech manufacturing.
- **High environmental, social and governance responsibility (ESG)**  
100% green production, transparent supply chain and excellent ESG rating in the solar industry.



### Zebra Design

High transparent area, fit for agriculture or balcony and carport application.



### Enhanced Light Scattering tech

Optimized light consistency, mitigate shade impact for plants under solar module.



### Green Product

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

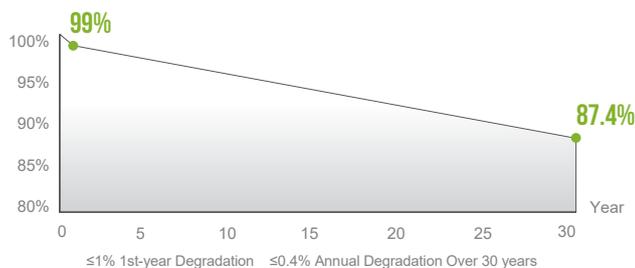
## COMPANY MANAGEMENT SYSTEM

- SA 8000: ILO Standards. Social responsibility standards
- ISO 9001: Quality management system
- ISO 14001: Environmental management system
- ISO 45001: Occupational health and safety management system
- ISO 50001: Energy management system
- ISO 27001: Information security management system

## PRODUCT CERTIFICATION

- IEC 61215, IEC 61730
- Ammonia Corrosion (IEC 62716)
- Salt Mist Corrosion (IEC 61701)
- LeTID (IEC TS 63342)

## POWER WARRANTY

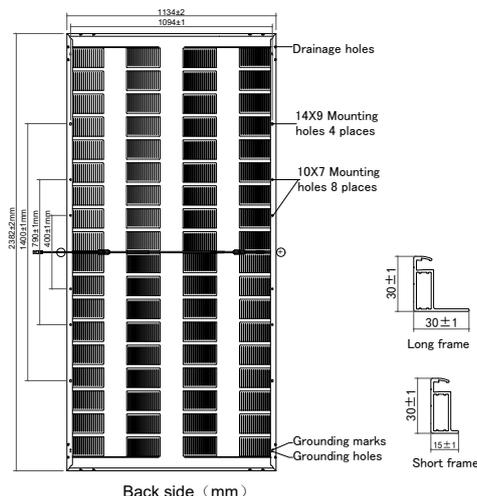


SolarPower Europe

# GHxxxG12RT-B36HST

## Module Specification

Cell Type	N type Mono-crystalline, 72(4x18)
Dimensions (mm)	2382x1134x30
Weight (kg)	32
Front Cover	2 mm semi-tempered with anti-reflective coating
Rear Cover	2 mm semi-tempered glass
Junction Box	2 Diodes, IP68 according to IEC 62790
Output Cables (Including Connector)	4mm <sup>2</sup> / 110mm (+)/350mm(-) Length can be customized
Connector Type	PV-ZH202B



## Electrical Specifications<sup>1</sup>

Module Type	GH340G12RT-B36HST		GH345G12RT-B36HST		GH350G12RT-B36HST		GH355G12RT-B40HST	
	STC <sup>2</sup>	NMOT <sup>3</sup>	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	340	259	345	263	350	267	355	271
Maximum Power Current (Imp/A)	14.82	12.04	14.87	12.08	14.92	12.12	14.97	12.16
Maximum Power Voltage (Vmp/V)	22.96	21.54	23.21	21.78	23.46	22.01	23.71	22.25
Short-circuit Current (Isc/A)	15.78	12.72	15.83	12.76	15.88	12.80	15.93	12.84
Open-circuit Voltage (Voc/V)	27.08	26.06	27.22	26.20	27.36	26.33	27.50	26.47

<sup>1</sup> Measurements according to IEC 60904-3, Measurement tolerance: Isc: ±4%, Voc: ±3%, Test uncertainty for Pmax: ±3%, Bifaciality: 80%±5%

<sup>2</sup> STC (Standard Test Condition): Irradiance 1000W/m<sup>2</sup>, Module temperature 25°C, AM=1.5

<sup>3</sup> NMOT: Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, AM=1.5, Wind Speed 1m/s

## Electrical Specifications<sup>1</sup> (BNPI<sup>2</sup>)

Nameplate Power (W)	340	345	350	355
Maximum Power (Pmax/W)	376	381	387	392
Maximum Power Current (Imp/A)	16.36	16.41	16.47	16.52
Maximum Power Voltage (Vmp/V)	22.99	23.24	23.49	23.74
Short-circuit Current (Isc/A)	17.36	17.42	17.47	17.53
Open-circuit Voltage (Voc/V)	27.08	27.22	27.36	27.50

<sup>1</sup> Measurements according to IEC 60904-3, Measurement tolerance: Isc: ±4%, Voc: ±3%, Test uncertainty for Pmax: ±3%

<sup>2</sup> BNPI: Front irradiance 1000W/m<sup>2</sup>, Rear radiation 135W/m<sup>2</sup>, Module temperature 25°C, AM=1.5

## Operating conditions

Operating Temperature (°C)	-40 to +85
Maximum System Voltage (V)	1500 DC (IEC)
Overcurrent Protection Rating (A)	30
Power Output Tolerance (%)	0~3%
Protection Class	Class II
Max. Test Load, Push/Pull (Pa)	Front 5400 / Back 2400
Max. Design Load, Push/Pull (Pa)	Front 3600 / Back 1600

## Temperature Characteristics

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

## Packaging

Container	40HQ
Pallet Dimensions (mm)	2396x1140x1250
Pieces per Pallet	36
Pieces per Container	720



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Statement: The installation instructions and the warranty conditions must be followed. Due to technological progress, product parameters will be adjusted accordingly. When signing the contract, the latest data of the company shall prevail. All information in this data sheet corresponds to EN 50380.Changes and errors excepted. Document. EN DS-G12RT-B36HST-20260303.

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