



■ N-Type Solar Module

KEY FEATURES



Excellent performance in low-light environments



High quality junction box and connector systems



100% inspection, to guarantee the reliability of solar systems



Lower temperature



Anti PID



Enhanced safety by excellent fire resistance



Perfect for sandy, snowy and high latitude regions



Lower operating temperature, more reliable



Cutcell, Less internal power loss, Less mismatch loss



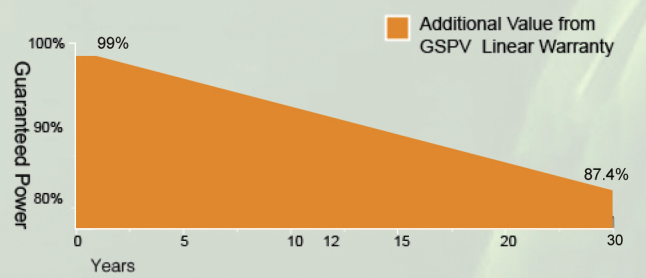
GSPV-M10/132H-605W-630W 605~630 Watt

➤ 182mm 132 Cells PV Solar Module

BLACK *BLACK FRAME/BLACK BACK-SHEET PRODUCTS ARE AVAILABLE UPON REQUEST



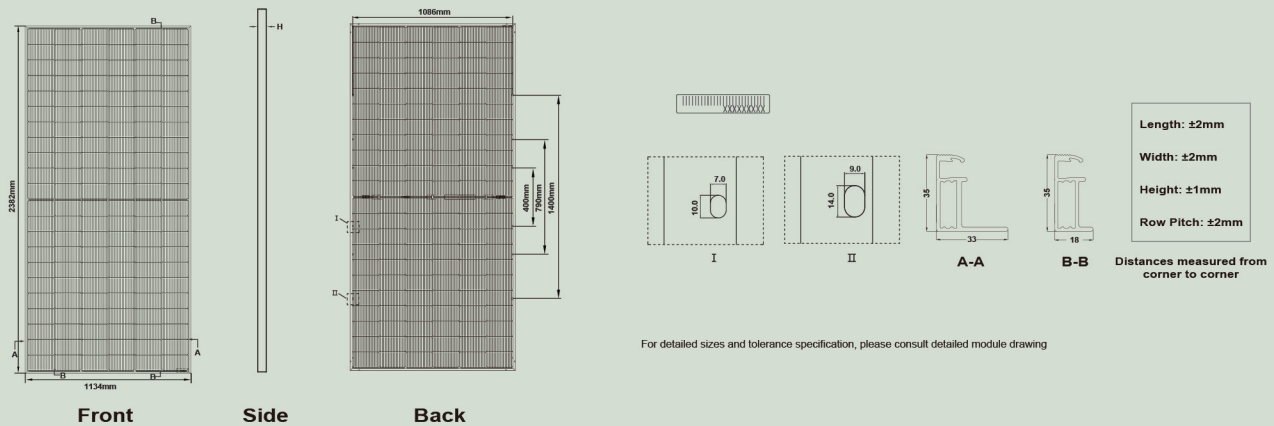
12 Years Product Workmanship Warranty	30 Years Power Warranty	0.40 % Annual Power Attenuation	CPIC
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IEC61215
IEC61730
UL61215
UL61730



DIMENSIONS OF PV MODULE(mm)



SPECIFICATIONS

Module Type	GSPV-M10/132H-605W		GSPV-M10/132H-610W		GSPV-M10/132H-615W		GSPV-M10/132H-620W		GSPV-M10/132H-625W		GSPV-M10/132H-630W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	605Wp	457Wp	610Wp	461Wp	615Wp	464Wp	620Wp	468Wp	625Wp	472Wp	630Wp	476Wp
Maximum Power Voltage (Vmp)	40.39V	37.71V	40.56V	37.85V	40.73	38.01V	40.90V	38.10V	41.07V	38.25V	41.23V	38.37V
Maximum Power Current (Imp)	14.98A	12.12A	15.04A	12.17A	15.10A	12.22A	15.16V	12.29A	15.22A	12.34A	15.28A	12.40A
Open-circuit Voltage (Voc)	48.47V	46.04V	48.63V	46.19V	48.79V	46.34V	48.95V	46.50V	49.11V	46.65V	49.27V	46.80V
Short-circuit Current (Isc)	15.94A	12.87A	16.01A	12.92A	16.08A	12.98A	16.15A	13.04A	16.22A	13.09A	16.29A	13.15A
Module Efficiency STC (%)	22.40%		22.58%		22.77%		22.95%		23.14%		23.32%	
Operating Temperature(°C)	-40°C~+85°C											
Maximum system voltage	1500VDC (IEC)											
Maximum series fuse rating	35A											
Power tolerance	0~+3%											
Temperature coefficients of Pmax	-0.29%/°C											
Temperature coefficients of Voc	-0.25%/°C											
Temperature coefficients of Isc	0.045%/°C											
Nominal operating cell temperature (NOCT)	45±2°C											
Refer. Bifacial Factor	80±5%											

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5. *Measuring tolerance: ±3%.
 NOCT: Irradiance at 800w/m², Ambient Temperature 20°C, Wind Speed 1m/s.

MECHANICAL DATA

Cell Type	N type Mono-crystalline
No. of cells	132 (2×66)
Dimensions	2382×1134×30mm (93.78×44.65×1.18 inch)
Weight	32.4 kg (71.43 lbs)
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm ² (+): 400mm, (-): 200mm or Customized Length

PACKAGING

(Two pallets = One stack)

31pcs/pallets, 62pcs/stack, 620pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence

