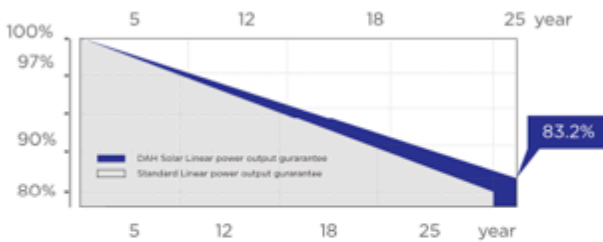


4.4 Detalle técnico línea **MAXIMISE**

QUALITY GUARANTEE

LINEAR POWER OUTPUT GUARANTEE



- 10 years** 10-year material & technology warranty
- 25 years** 25-year linear power output warranty

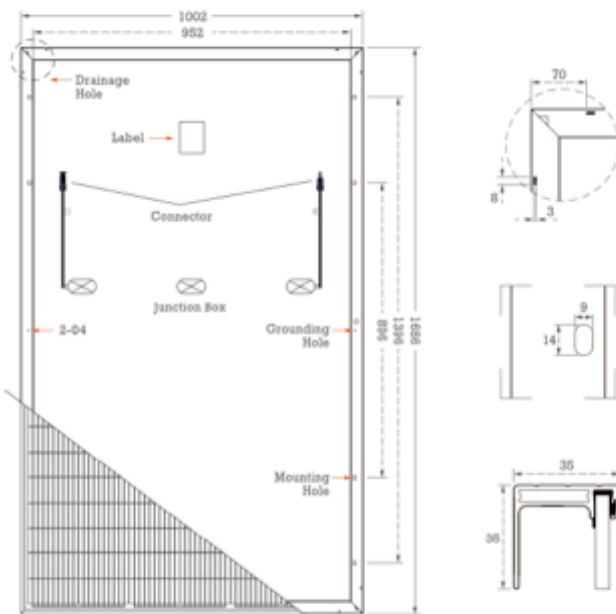
0-+5W
Positive Tolerance

17.76%
Max Module Eff.(%)

PRODUCT PERFORMANCE ADVANTAGE

- Excellent space utilization performance, increasing power density effectively and reducing costs
- Reducing the temperature of the solar module hot spot battery above 20°C , to ensure system stability and reliability
- Larger Size of Light Receiving Area, Higher Solar Panel Power, Lower System Cost
- Lower temperature coefficient, zero depth reflection increasing
- More Busbars, the Less of Broken and cracking , As the Narrowed Cell Bus Bar Width,the Light Receiving Area and Power are Increased too
- Reducing the loss of current mismatch and resistance

Design



Mechanical Specification

Cells Type	Poly 158.75×79.375mm
Weight	19kg
Dimension (L×W×T)	1686×1002×35mm
Cable	4.0mm ² ; Portrait: N 400mm /P 300mm, Landscape: N 1200mm /P 1200mm
No.of Cells	120 (6×20)
Glass	3.2 mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	QC4 or MC4 Compatible
Packing	30pcs/pallet, 360pcs/20GP, 845pcs/40HQ

Operating Parameters

Maximum system voltage	1000V/1500V DC
Operating Temperature	-40 - +85°C
Maximum series fuse rating	20A
Snow load, frontside	5400Pa
Wind load, backside	2400Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A



Electrical Characteristics(STC)

Module Type	HCP60X9-290W	HCP60X9-295W	HCP60X9-300W
Maximum Power (Pmax)	290W	295W	300W
Open-circuit Voltage (Voc)	39.2V	39.5V	39.8V
Maximum Power Voltage (Vmp)	31.8V	32.1V	32.3V
Short-circuit Current (Isc)	9.60A	9.67A	9.77A
Maximum Power Current (Imp)	9.12A	9.19A	9.29A
Module Efficiency (%)	17.17%	17.46%	17.76%
Power Tolerance		0-+5W	
Temperature Coefficient of Isc		0.05%/°C	
Temperature Coefficient of Voc		-0.51%/°C	
Temperature Coefficient of Pmax		-0.38%/°C	
Standard Test Environment	Irradiance 1000w/m ² , Cell temperature 25°C, Spectrum AM1.5		

Electrical Characteristics(NOCT)

Module Type	HCP60X9-290W	HCP60X9-295W	HCP60X9-300W
Maximum Power (Pmax)	219W	223W	227W
Open-circuit Voltage (Voc)	36.9V	37.2V	37.4V
Maximum Power Voltage (Vmp)	30.1V	30.4V	30.6V
Short-circuit Current (Isc)	7.74A	7.80A	7.88A
Maximum Power Current (Imp)	7.28A	7.34A	7.42A
Standard Test Environment	Irradiance 800w/m ² , Cell temperature 20°C, Spectrum AM1.5, Wind speed 1m/s		