



Optimum *new range*



Solar module (72cells 6")
A-xxxM GS (360/365/370 W)

- **Optimize your instalations.**
- High module **efficiency** and stable power output based on leading process technology.
- **Outstanding electrical performance** under high-temperature conditions or low-irradiance conditions.
- Ease of installations due to the **innovative engineering design.**
- **Rigorous quality control** meets the highest international standard.
- **Warranty, 10-year** workmanship and **25-year** performance (83% power output).





A-xxxM GS (ES) (xxx = rated power)

Electrical characteristics	A-360M GS	A-365M GS	A-370M GS
Maximum Power (Pmax)	360 W	365 W	370 W
Maximum Power Voltage (Vmp)	39.60 V	39.85 V	40.10 V
Maximum Power Current (Imp)	9.10 A	9.16 A	9.23 A
Open Current Voltage (Voc)	47.70 V	47.95 V	48.20 V
Short Circuit Current (Isc)	9.80 A	9.85 A	9.90 A
Module Efficiency (%)	18.55	18.81	19.07
Power Tolerance (W)		0/+5	
Maximum Series Fuse Ratings (A)		15	
Maximum System Voltage (IEC)		DC 1000 V	
Normal Operating Cell Temperature (°C)		45±2	

Electrical characteristics tested at Standard Test Conditions (STC), defined as: Irradiance of 1000 w/m², spectrum AM 1.5 and temperature of 25 °C. Tolerance measures STC: ±3% (Pmp); ±10% (Isc, Voc, Imp, Vmp). Best in Class AAA solar simulator (IEC 60904-9) used, power measurement uncertainty is within +/- 3%

Mechanical specifications

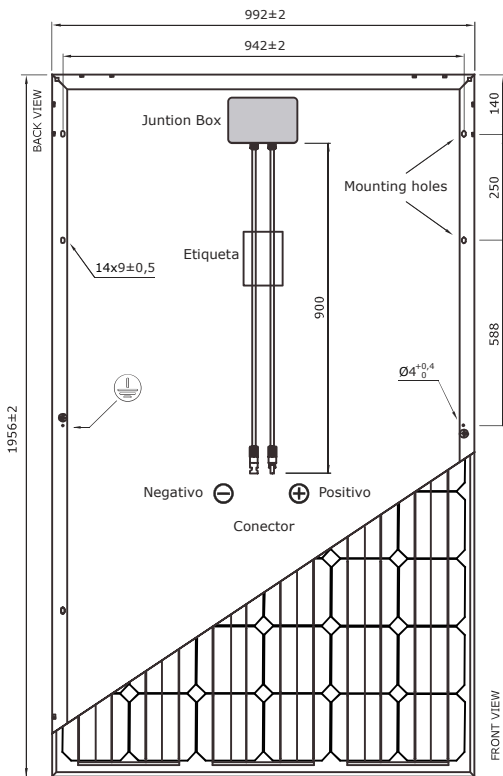
Dimensions	1956x992x40 mm
Weight	20.9 kg
Max. static load, front (snow & wind)	5400 Pa
Max. static load, back (wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m/s

Construction materials

Front cover (material /type/thickness) (*)	Tempered Glass, High Transmission/Low Iron/3.2 mm
Cell (quantity/type/dimensions)	72 cells (6x12)/monocrystalline /156.75 x 156.75 mm
Frame (material/color)	Anodized aluminium alloy /silver
Junction box (protection degree)	IP67 / 3 diode
Cable (length/cross-section area)/Connector	900 mm / 4 mm ² / Combinable MC4 / IP67

(*) With anti-reflective coating

Panel construction generic view



NOTE: Drawing is not to scale.

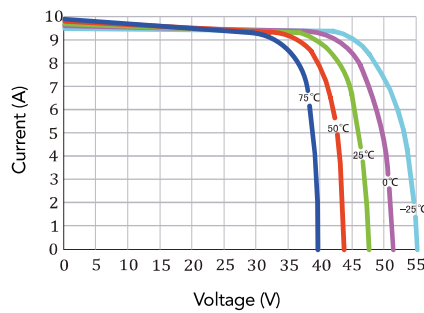
Temperature characteristics

Temp. Coeff. of Isc (TK Isc)	0.08558% /°C
Temp. Coeff. of Voc (TK Voc)	-0.29506% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.38001% /°C
Operating Temperature	-40 to +85 °C

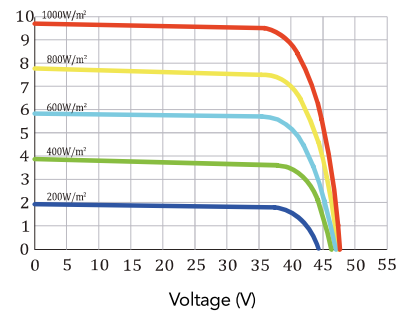
Packaging

Modules/pallet	26 pcs
Pallets/container HQ 40'	24 pallets
Modules/container HQ 40'	624 pcs
Pallets/container 20'	9 pallets
Modules/container 20'	234 pcs

Various Temperature (A-360M GS)



Various Irradiance (A-360M GS)



NB: The data contained in this documentation are subject to modification without prior notification.



IEC 61215
IEC 61730

