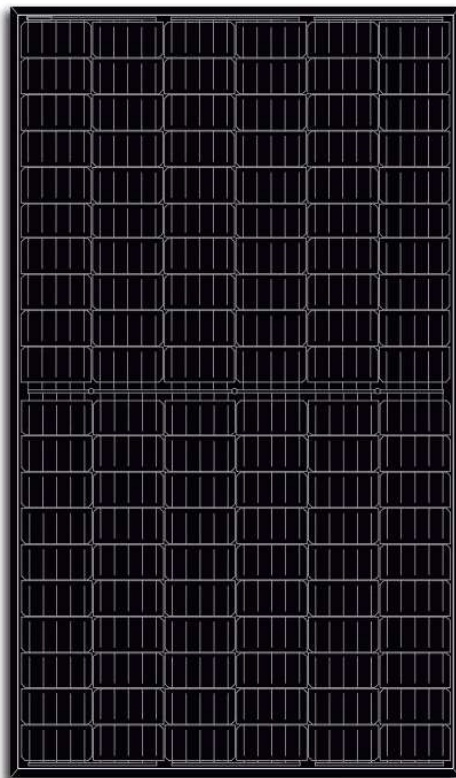




## Optimum *new range*



Photovoltaic Solar module (120 1/2 Mono PERC 6'')  
**A-xxxM-H GS MN TN** (325/330/335/340/345 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.





**A-xxxM-H GS MN TN (SS)** (xxx = potencia nominal)

Electrical characteristics	A-325M-H GS	A-330M-H GS	A-335M-H GS	A-340M-H GS	A-345M-H GS
Maximum Power (Pmax)	325 W	330 W	335 W	340 W	345 W
Maximum Power Voltage (Vmp)	33.60 V	33.80 V	34.00 V	34.20 V	34.40 V
Maximum Power Current (Imp)	9.68 A	9.77 A	9.87 A	9.96 A	10.04 A
Open Current Voltage (Voc)	41.10 V	41.30 V	41.50 V	41.70 V	41.90 V
Short Circuit Current (Isc)	10.20 A	10.31 A	10.36 A	10.55 A	10.64 A
Module Efficiency (%)	19.26	19.56	19.85	20.15	20.45
Power Tolerance (W)			0/+5		
Maximum Series Fuse Ratings (A)			20		
Maximum System Voltage (TUV)			DC 1.000 V / DC 1.500V (**)		
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%  
 (\*\*) Maximum system voltage of 1,500 V is manufactured to order.

**Mechanical specifications**

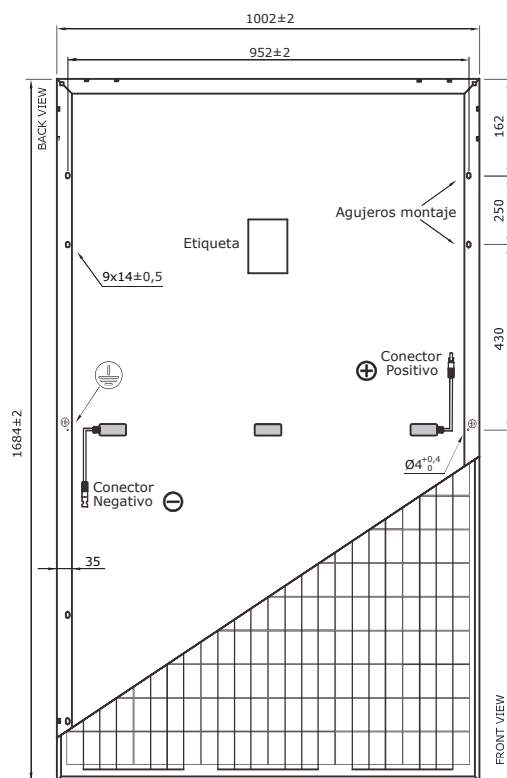
Dimensions (± 2 mm.)	1684x1002x35 mm.
Weight (± 0,5 kg)	19.0 kg
Max. static load, front (snow & wind)	5400 Pa
Max. static load, back (wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m/s

**Construction materials**

Front cover (material /type/thickness) (*)	Tempered Glass,High Transmission/Low Iron/3.2 mm
Cell (quantity/type/dimensions) (**)	120 cells (6x20)/Mono PERC / 158.75 x 79.38 mm
Frame (material/color)	Anodized aluminium alloy / Black
Junction box (protection degree)	IP67 / 3 diodes
Cable (length/cross-section area)/Connector	1.200 mm / 4 mm² / Combinable MC4

(\*) With anti-reflective coating / (\*\*) Cell color: Black / Backsheet Color: Black

**Panel construction generic view**



The drawing is not to scale

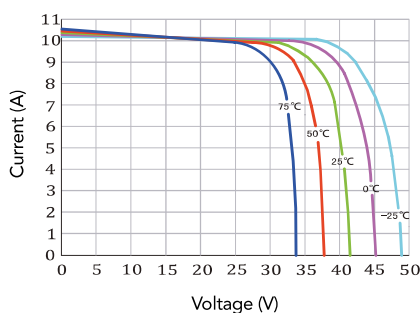
**Temperature characteristics**

Temp. Coeff. of Isc (TK Isc)	0.048% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.36% /°C
Operating Temperature	-40 to +85 °C

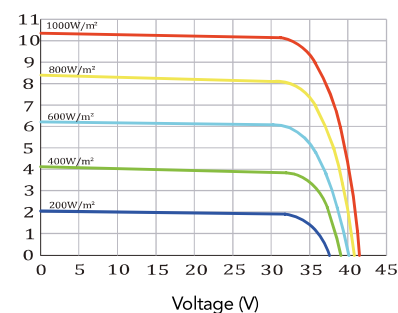
**Packaging**

Módulos/palé	31 pzas
Palés/contenedor 40´ HQ	26 palés
Módulos/contenedor 40´ HQ	806 pzas
Palés/contenedor 20´	10 palés
Módulos/contenedor 20´	310 pzas

**Various Temperature (A-335M GS)**



**Various Irradiance (A-335M GS)**



**Official distributor:**

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 info@dpvenergy.com



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

