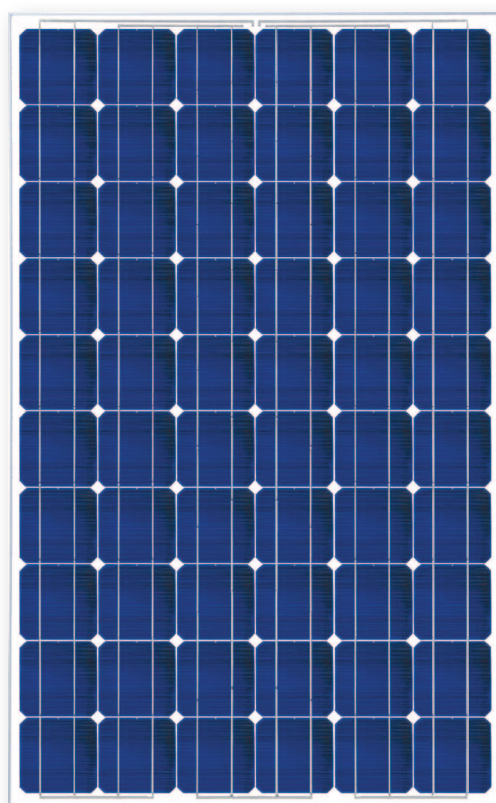


+Ultra *new range*

➔ Photovoltaic module
A-255M / A-260M / A-265M (TYCO 3.2)



+UltraPositive tolerance
Positive 0 / +5 Wp

+UltraQuality Criteria
Anti Hot-Spot

+UltraWarranty
10-year product warranty

+UltraReliability
In the market since 1979

+UltraResistance
3.2 mm tempered glass

+UltraTES
Cell-to-cell electrical verification



A unique system
in the market,
patented by
Atersa.

Electrical characteristics (STC: 1kW/m², 25°C±2°C and AM 1,5)*

	A-255M	A-260M	A-265M
Rated Power (0/+5 W)	255 W	260 W	265 W
Module efficiency	15,66%	15,97%	16,27%
Peak-Point Current of Maximum Power (Imp)	8,34 A	8,44 A	8,54 A
Peak-Point Voltage of Maximum Power (Vmp)	30,57 V	30,79 V	31,03 V
Short-circuit Current (Isc)	8,89 A	8,99 A	9,04 A
Open Current Voltage (Voc)	37,76 V	37,90 V	38,40 V

Thermal parameters

Isc (α) Temperature Coefficient	0,03% /°C
Voc (β) Temperature Coefficient	-0,34% /°C
P (γ) Temperature Coefficient	-0,43% /°C

Physical characteristics

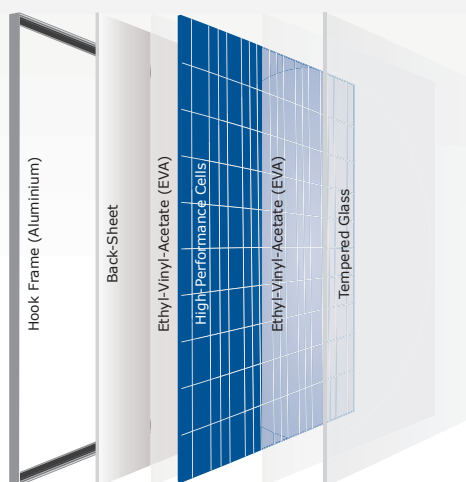
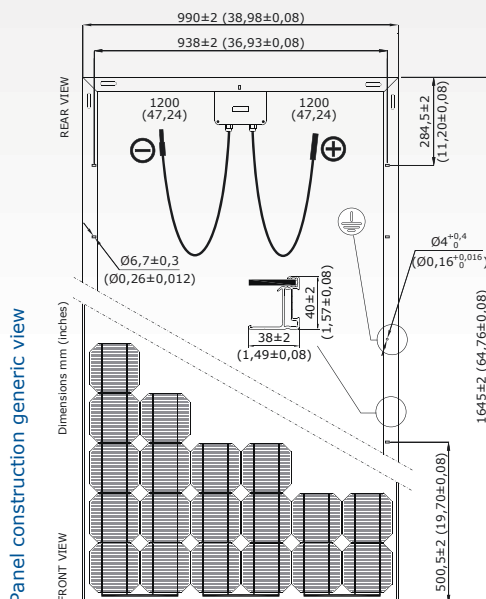
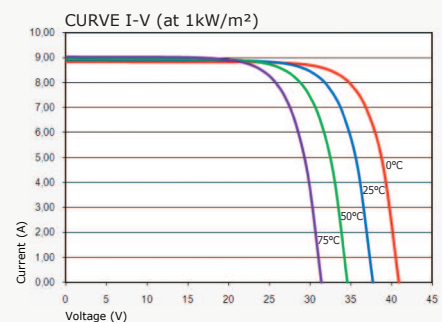
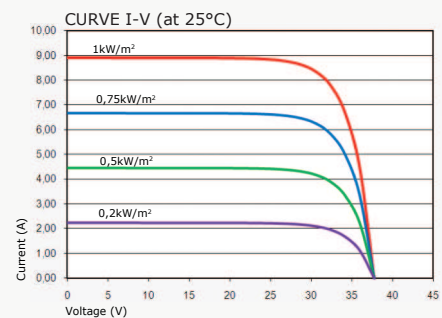
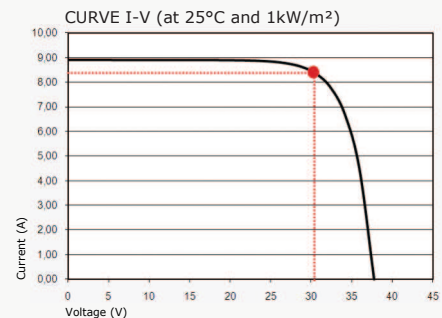
Dimensions (mm ± 2 mm)	1645x990x40
Weight (kg)	19,5
Surface area (m ²)	1,63
Cell type (± 1 mm)	Monocrystalline 156x156 mm (6 inches)
Cells in series	60 (6x10)
Front glass	Ultra-clear 3.2 mm tempered glass
Frame	anodized aluminium alloy or Polyester-coated
Connection box	TYCO IP67
Cables	Solar Cable 4 mm ² 1200 mm
Connectors	TYCO PV4

Operating range

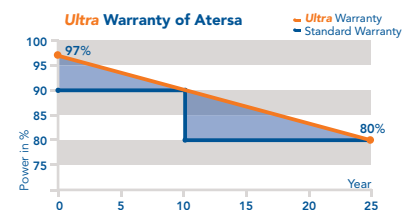
Temperature	-40°C to +85°C
Maximum System Voltage / Protection	1000 V / CLASS II
Maximum Wind Load / Snow Load	2400 Pa (130 km/h) / 5400 Pa (551 kg/m ²)
Max. Reverse Current (IR)	15,1 A

*Electrical specifications measured in STC. NOCT: 47±2°C.
Tolerance measures STC: ±3% (Pmp); ±10% (Isc, Voc, Imp, Vmp).

A-255M curves model



- Modules per box: **25 units**
- Weight per pallet: **495 kg**
- A 40-foot container can hold 25 boxes: **625 panels**
- A 40-foot HC container can hold 26 boxes: **650 panels**
- A 20-foot container can hold 10 boxes: **250 panels**
- A TAUTLINER truck can hold 30 boxes: **750 panels**



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

➔ www.atersa.com • atersa@elecnor.com
Madrid +34 915 178 452 • Valencia +34 961 038 430

Latest revision: **19/04/17**
Ref.: **E-MU-6M (3) 6x10-D (TY 3.2)**
© Atersa SL, 2015

