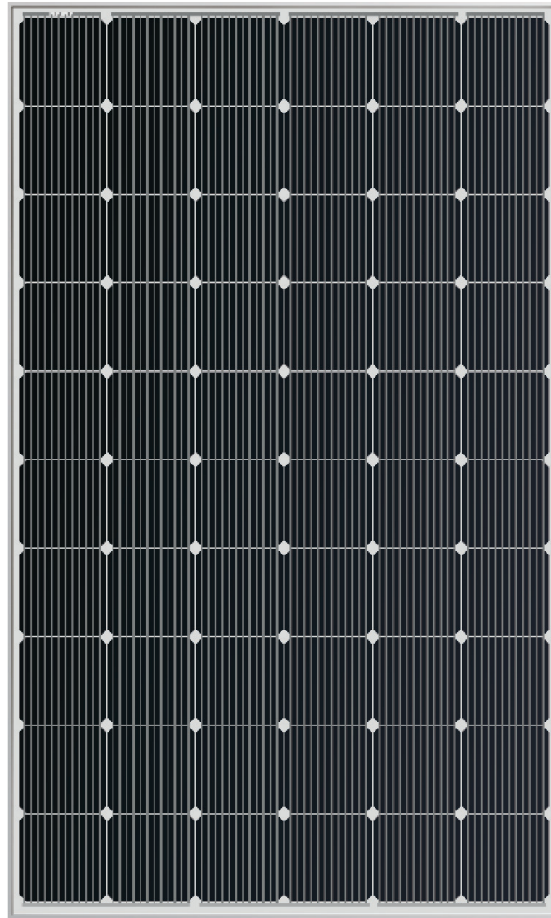
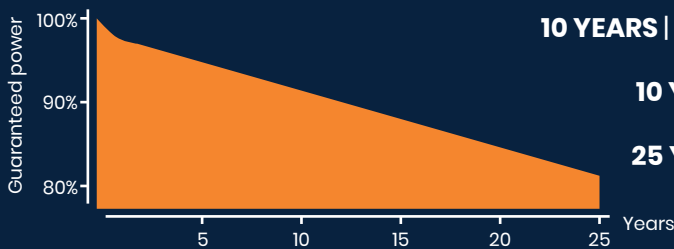


ARTM60 PERC 12BB



QUALITY DESIGN | GREAT DURABILITY | EASY INSTALLATION

*International quality, safety and certifications
ISO9001 certification of work processes and systems
Beautiful appearance, excellent durability and easy installation
Special design in accordance with requirements of customers*



10 YEARS | for products defects in materials and workmanship

10 YEARS | for 90% of warranted minimum power output

25 YEARS | for 80% of warranted minimum power output

25 YEARS | linear warranty

ARTM60 PERC 12BB

General data

Standard model	320W	325W	330W
Maximum power (Pmax)	320W	325W	330W
Maximum voltage (Vmp)	33,2V	33,3V	33,5V
Maximum current (Imp)	9,64A	9,76A	9,85A
Open circuit voltage (Voc)	40,7V	40,8V	41,0V
Short circuit current (Isc)	10,05A	10,17A	10,26A
Module efficiency (%)	19,55	19,89	20,16
System voltage	DC 1500V (TUV) / DC 1000V(TUV)		
Maximum series fuse rating	15A		

Mechanical data

Dimensions	1650 x 992 x 35 mm
Weight	18 kg
Front glass	3,2 mm tempered glass
External cables	Diameter: 4 mm ² Length: 900 mm
Connectors	MC4
Cell type	12BB Monocrystalline silicon PERC 156,75 x 156,75 mm

Temperature characteristics

Temp. Coeff of Isc (TK Isc)	0,040% / °C
Temp. Coeff of Voc (TK Voc)	-(0,27%) / °C
Temp. Coeff of Pmax (TK Pmax)	-(0,34%) / °C
Operating temperature	(-40 ~ +85%) °C
Normal operating temperature	44 ± 2 °C

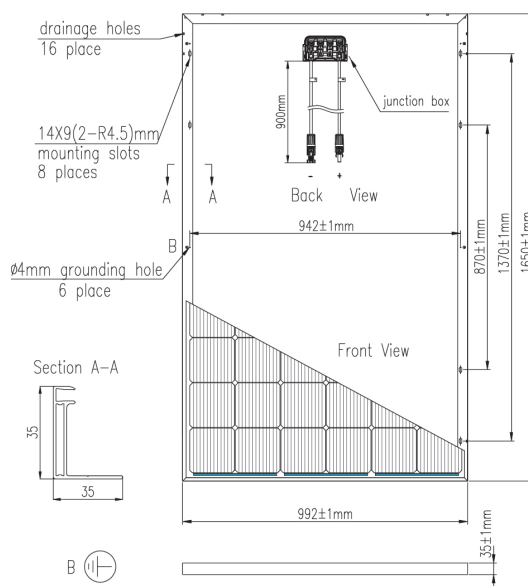
Packing configuration

Container	40'HQ
Pieces per pallet	64
Pallets per container	14
Pieces per container	896

Certifications, test, guarantees

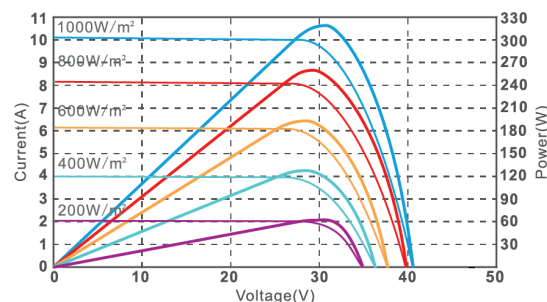
Standard test	IEC 61215, IEC 61730
System certifications	ISO 9001, ISO 14001, OHSAS 18001
Certifications	TUV
Test extreme winds and snow load	Extreme winds: 2400 Pascal Snow loads: 5400 Pascal
Positive tolerance	0 ~ + 3%
Protection index	IP67
Guarantees	10 years of product warranty and 25 years at 80% guaranteed power

Dimension scheme

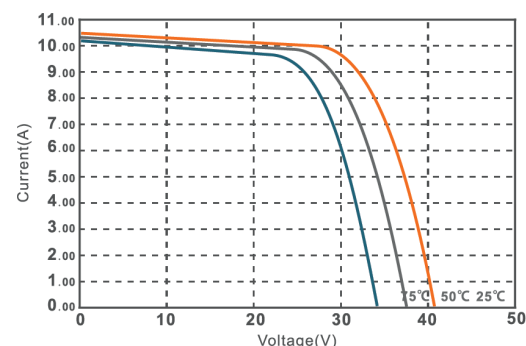


I-V Curve

I-V characteristics at different irradiances



I-V characteristics at different temperature



For more information, visit our website:
www.artesolarfotovoltaica.com

