

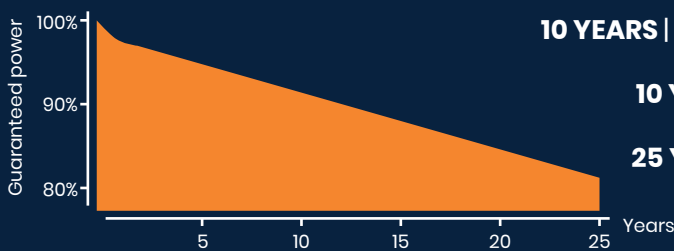


# ARTM60L PERC



## 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

# ARTM60L PERC

## General data

<b>Standard model</b>	305W	310W	315W	320W	325W
<b>Maximum power (Pmax)</b>	305W	310W	315W	320W	325W
<b>Maximum voltage (Vmp)</b>	32,6V	33V	33,2V	33,4V	33,6V
<b>Maximum current (Imp)</b>	9,19A	9,40A	9,49A	9,59A	9,67A
<b>Open circuit voltage (Voc)</b>	39,9V	40,5V	40,7V	40,9V	41,5V
<b>Short circuit current (Isc)</b>	9,64A	9,92A	10,04A	10,15A	10,17A
<b>Module efficiency (%)</b>	18,3	18,6	18,9	19,2	19,5
<b>System voltage</b>	DC 1500V (TUV) / DC 1000V(TUL)				
<b>Maximum series fuse rating</b>	15A				

## Mechanical data

<b>Dimensions</b>	1665 x 1002 x 35 mm
<b>Weight</b>	19 kg
<b>Front glass</b>	3,2 mm tempered glass
<b>External cables</b>	Diameter: 4 mm <sup>2</sup> Length: 900 mm
<b>Connectors</b>	MC4
<b>Cell type</b>	Monocrystalline silicon 5BB 158,75 x 158,75 mm
<b>Number of cells</b>	60 cells in serie

## Temperature characteristics

<b>Temp. Coeff of Isc (TK Isc)</b>	0,048% / °C
<b>Temp. Coeff of Voc (TK Voc)</b>	-(0,28%) / °C
<b>Temp. Coeff of Pmax (TK Pmax)</b>	-(0,37%) / °C
<b>Operating temperature</b>	(-40 ~ +85%) °C
<b>Normal operating temperature</b>	45 ± 2 °C

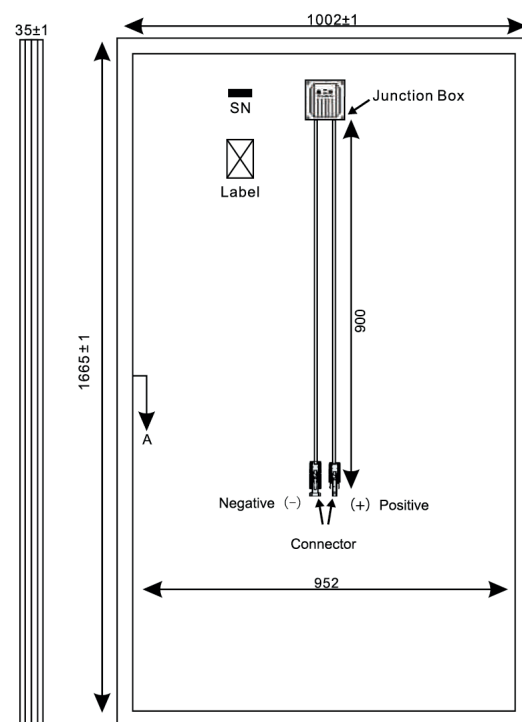
## Packing configuration

<b>Container</b>	20'GP	40'GP	40'HQ
<b>Pieces per pallet</b>	60	52	64
<b>Pallets per container</b>	6	14	14
<b>Pieces per container</b>	360	728	896

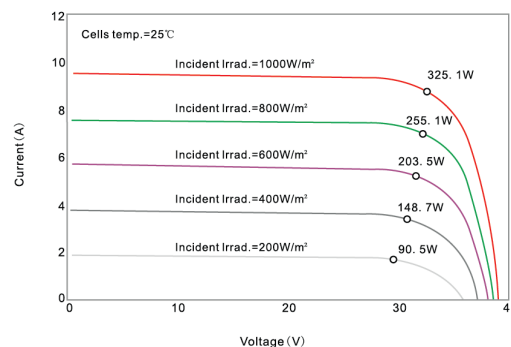
## Certifications, test, guarantees

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

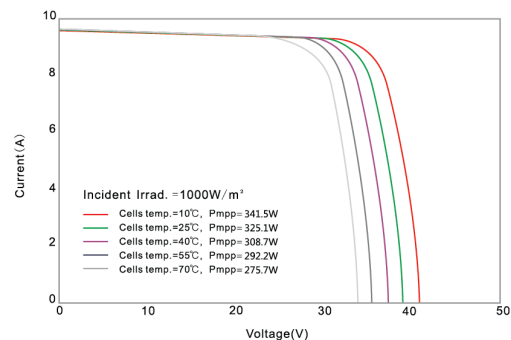
## Dimension scheme



## I-V Curve



I-V Curves at different irradiance



I-V Curves at different temperature

For more information, visit our website:  
[www.artesolarfotovoltaica.com](http://www.artesolarfotovoltaica.com)

