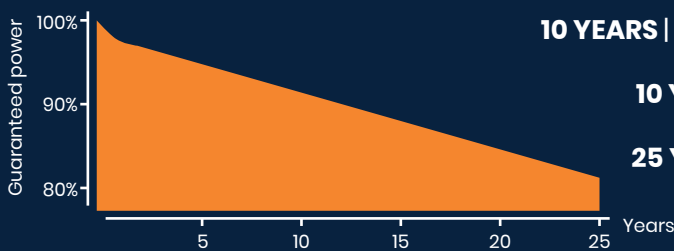


# ARTP60



## 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

## General data

|                                    |                                |       |       |        |       |
|------------------------------------|--------------------------------|-------|-------|--------|-------|
| <b>Standard model</b>              | 265W                           | 270W  | 275W  | 280W   | 285W  |
| <b>Maximum power (Pmax)</b>        | 265W                           | 270W  | 275W  | 280W   | 285W  |
| <b>Maximum voltage (Vmp)</b>       | 31,0V                          | 30,9V | 31,1V | 31,48V | 31,6V |
| <b>Maximum current (Imp)</b>       | 8,56A                          | 8,73A | 8,84A | 8,91A  | 9,02A |
| <b>Open circuit voltage (Voc)</b>  | 37,0V                          | 38,4V | 38,5V | 38,83V | 38,8V |
| <b>Short circuit current (Isc)</b> | 9,31A                          | 9,18A | 9,25A | 9,41A  | 9,42A |
| <b>Module efficiency (%)</b>       | 16,3                           | 16,5  | 16,8  | 17,2   | 17,4  |
| <b>System voltage</b>              | DC 1500V (TUV) / DC 1000V(TUV) |       |       |        |       |
| <b>Maximum series fuse rating</b>  | 15A                            |       |       |        |       |

## Mechanical data

|                        |   |
|------------------------|---|
| <b>Dimensions</b>      | 1650 x 992 x 35 mm                                |
| <b>Weight</b>          | 18 kg   |
| <b>Front glass</b>     | 3,2 mm tempered glass                             |
| <b>External cables</b> | Diameter: 4 mm <sup>2</sup><br>Length: 900 mm     |
| <b>Connectors</b>      | MC4   |
| <b>Cell type</b>       | Polycrystalline silicon<br>5BB 156,75 x 156,75 mm |
| <b>Number of cells</b> | 60 cells in series                                |

## Temperature characteristics

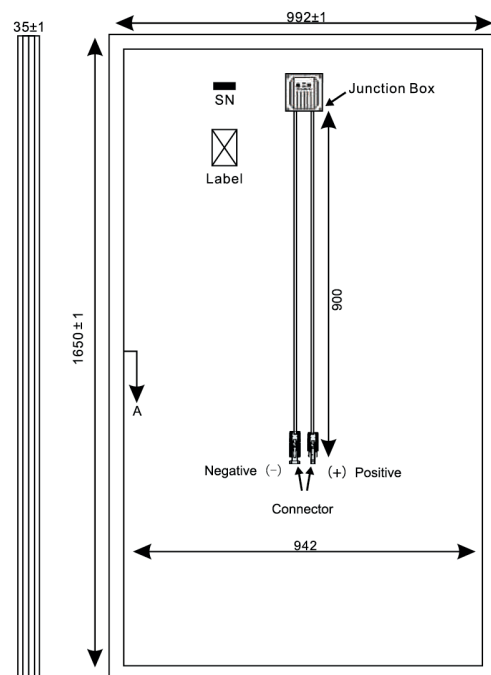
|                                      |                 |
|--------------------------------------|-----------------|
| <b>Temp. Coeff of Isc (TK Isc)</b>   | 0,042% / °C     |
| <b>Temp. Coeff of Voc (TK Voc)</b>   | -(0,284%) / °C  |
| <b>Temp. Coeff of Pmax (TK Pmax)</b> | -(0,38%) / °C   |
| <b>Operating temperature</b>         | (-40 ~ +85%) °C |
| <b>Normal operating temperature</b>  | 45 ± 2 °C       |

## Packing configuration

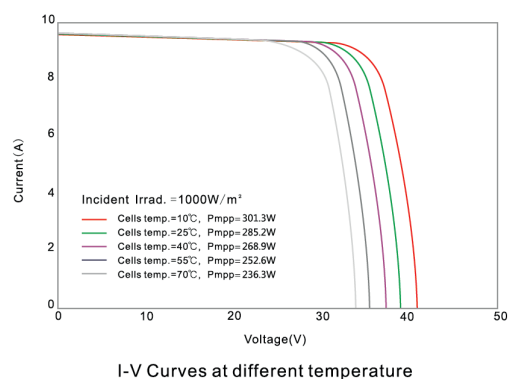
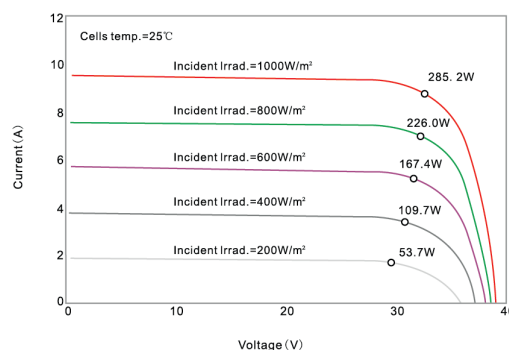
|                              |       |       |       |
|------------------------------|-------|-------|-------|
| <b>Container</b>             | 20'GP | 40'GP | 40'HQ |
| <b>Pieces per pallet</b>     | 60    | 52    | 64    |
| <b>Pallets per container</b> | 6     | 14    | 14    |
| <b>Pieces per 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<br>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 |



## I-V Curve



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

