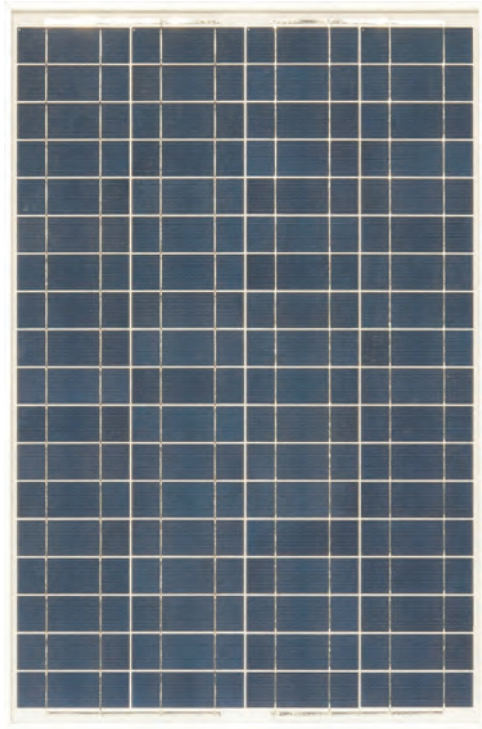


DS-A18-90



CLEAN, SAFE, RELIABLE
SOLAR ENERGY FROM DASOL

APPLICATIONS

- Microwave/Radio repeater stations
- Electrification of villages in remote areas
- Medical facilities in rural areas
- Power source for summer vacation homes
- Emergency communication systems
- Water quality and environment data monitoring systems.
- etc



Easy installation and handling for various applications.



Tempered glass, EVA lamination and weatherproof backskin provide long-life and enhanced cell performance.



Independently certified by international certification body(TUV,CSA,CE).



Manufactured according to International Quality and Environment Management System(ISO9001).



The A18 series offers industry-leading performance for a variety application.

DASOL

Anji DASOL Solar Energy S&T Co.,Ltd.
The Health Industrial Park, Anji, Zhejiang 313300, China
www.dasol.cn

DS-A18-90

ELECTRICAL CHARACTERISTICS

| | |
|----------------------------------|-------|
| Maximum power(Pmax) ¹ | 90W |
| Tolerance of Pmax | ±5% |
| Open circuit voltage(Voc) | 22.3V |
| Maximum power voltage(Vmp) | 18.0V |
| Short circuit current(Isc) | 5.45A |
| Maximum power current(Imp) | 5.00A |
| Series fuse rating | 8A |
| Maximum system(DC) voltage | 600V |

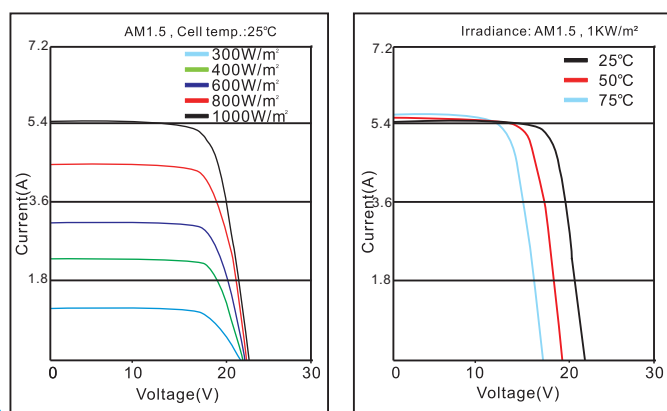
MECHANICAL CHARACTERISTICS

| | |
|------------|---------------------------------|
| Dimensions | 990×665×35mm/38.98×26.18×1.38in |
| Weight | 7.82kg/17.24lbs |

TEMPERATURE COEFFICIENTS

| | |
|---------------------------------|------------|
| Operation temperature range | -40°C-85°C |
| NOCT | 48±3°C |
| Temperature coefficients of Isc | +0.084%/°C |
| Temperature coefficients of Voc | -0.39%/°C |

IV CURVES

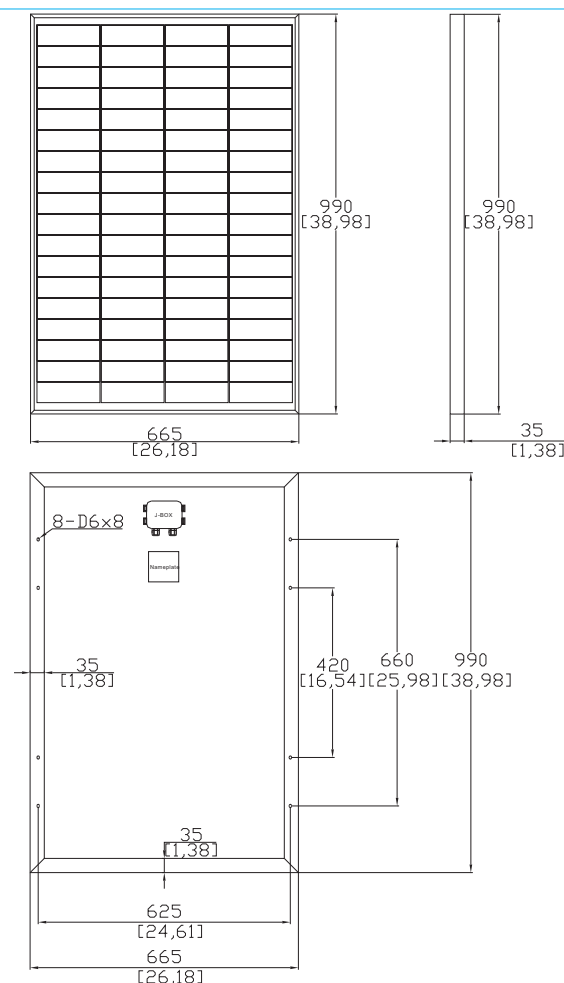


CERTIFICATIONS



¹(STC) Standard Test Conditions: 25°C, 1kW/m², AM1.5

DIMENSIONS



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