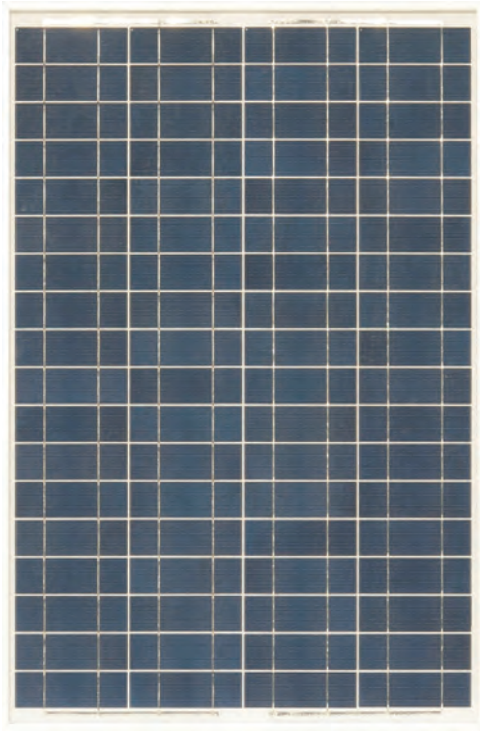


DS-A18-90



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.

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

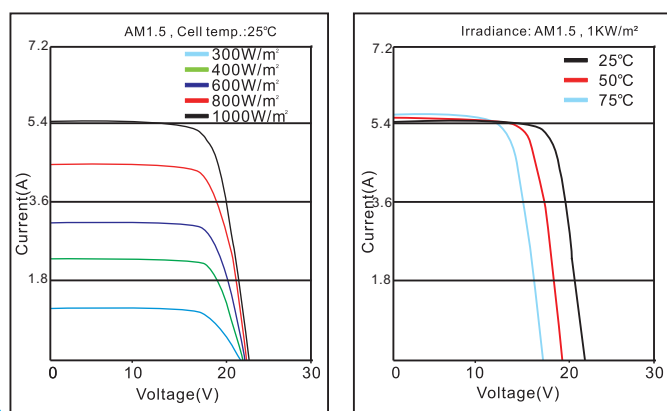
MECHANICAL CHARACTERISTICS

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

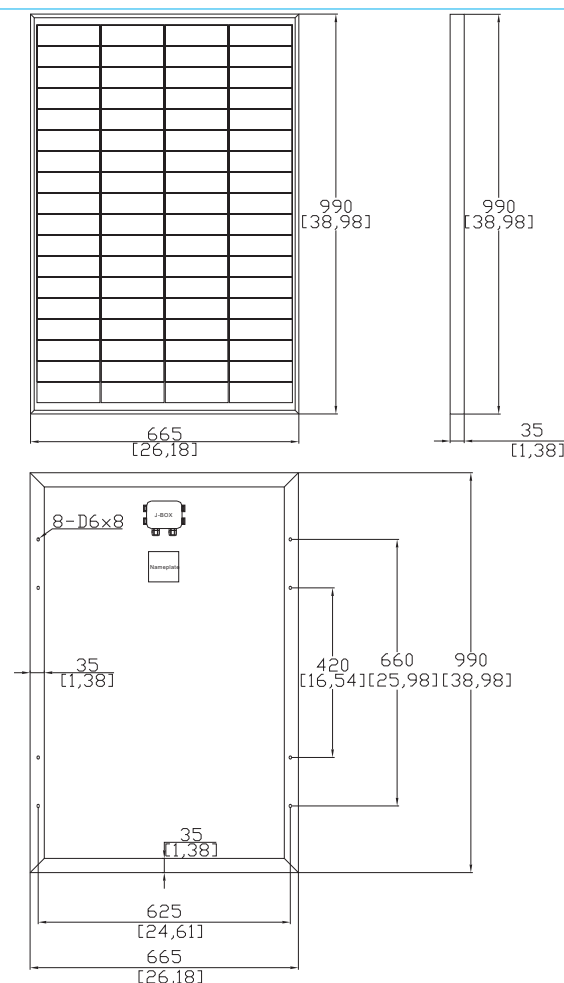
TEMPERATURE COEFFICIENTS

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



DIMENSIONS



CERTIFICATIONS



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