

DS-A18-10



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

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ELECTRICAL CHARACTERISTICS

Maximum power(Pmax) ¹	10W
Tolerance of Pmax	±10%
Open circuit voltage(Voc)	22.3V
Maximum power voltage(Vmp)	18.0V
Short circuit current(Isc)	0.61A
Maximum power current(Imp)	0.56A
Series fuse rating	1A
Maximum system(DC) voltage	600V

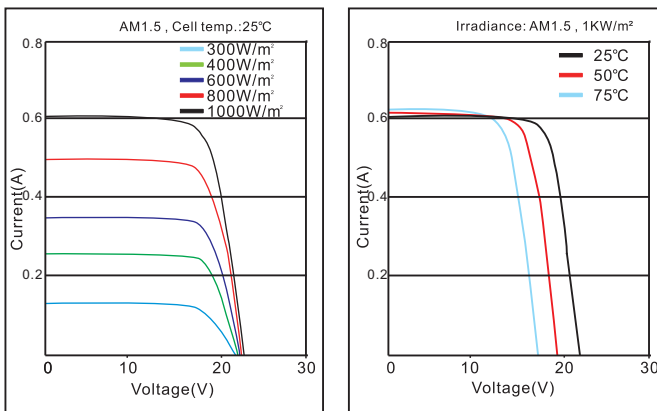
MECHANICAL CHARACTERISTICS

Dimensions	370×250×18mm/14.57×9.84×0.71in
Weight	1.07kg/2.37lbs

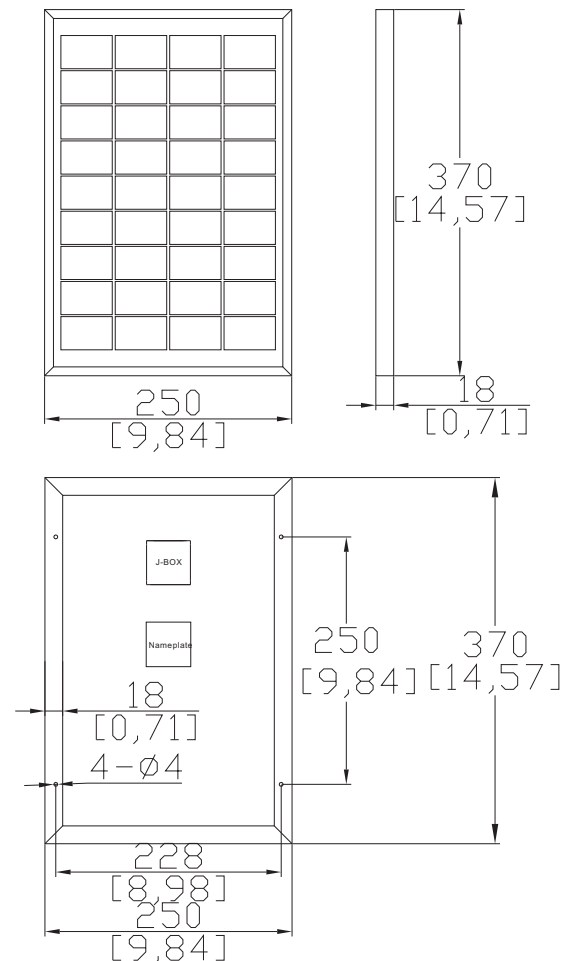
TEMPERATURE COEFFICIENTS

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

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