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Solar Panel Guide Specification Data Sheet

Changzhou Daily Energy Co., Ltd.

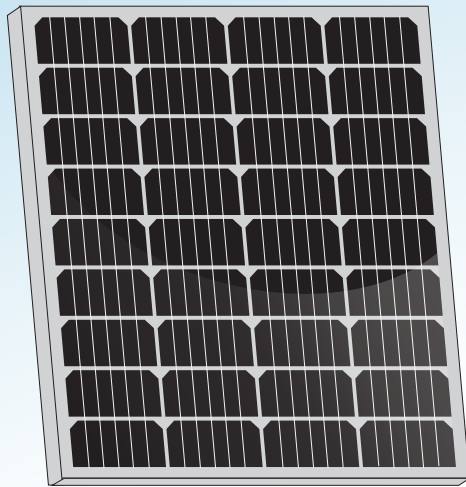
Mono 75-90W

DS-75M6-36

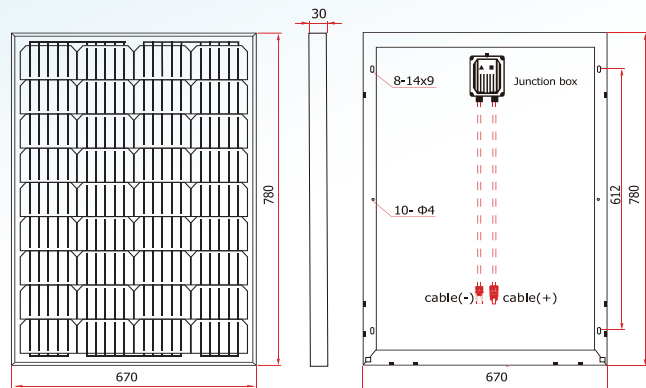
Also available on the web at
EnergyPal.com/changzhou-daily-energy-co-ltd-solar-panels/ds-75m6-36

Mono-Crystalline Solar Module

75-90 Watt



PHYSICAL CHARACTERISTICS Unit:mm



ELECTRICAL SPECIFICATIONS

Model Type	DS-75M6-36	DS-80M6-36	DS-85M6-36	DS-90M6-36
Nominal Maximum Power (Pmax)	75	80	85	90
Optimum Operating Voltage (Vmp)	17.40V	17.65V	17.79V	18.00V
Optimum Operating Current (Imp)	4.31A	4.54A	4.78A	5.00A
Open Circuit Voltage (Voc)	21.65V	21.75V	21.85V	21.95V
Short Circuit Current (Isc)	4.75A	4.88A	5.01A	5.21A
Module Efficiency	14.35%	15.31%	16.26%	17.22%
Cell Efficiency	17.20%	18.30%	19.50%	20.60%
Power Tolerance	0 to +3%			
Maximum System Voltage	DC 1000V			
Operating Temperature	-40 C ~ +85 C			
Maximum Series Fuse Rating	10A			
Number of Bypass Diode	2			

MECHANICAL DATA

Cell Type	156mm x 78mm
Cell Arrangement	36 cells in series
Dimensions	780 x 670 x 30mm
Weight	6.15kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP65, 2 diodes
Cable	2.5mm ² , 900mm (650mm is optional)
Connectors	MC4 or MC4 compatible

TEMPERATURE CHARACTERISTICS

Temperature Coefficient (Pmax)	-0.438% / °C
Temperature Coefficient (Voc)	-0.297% / °C
Temperature Coefficient (Isc)	0.037% / °C
Normal Operating Cell Temperature	45 ± 2 °C

ELECTRICAL CHARACTERISTICS

