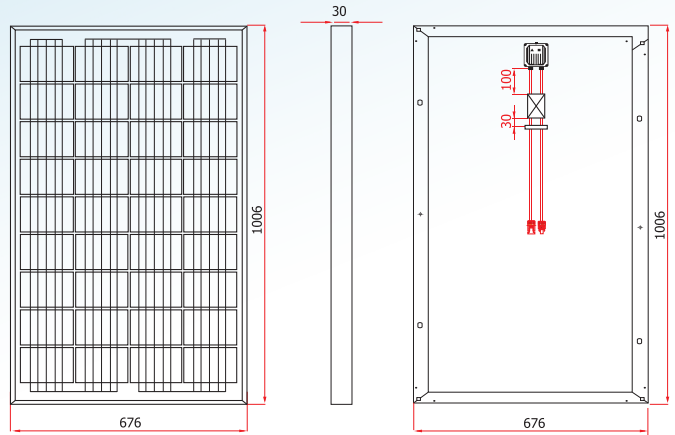


## Poly-Crystalline Solar Module

### 100-105 Watt



#### PHYSICAL CHARACTERISTICS Unit:mm



#### ELECTRICAL SPECIFICATIONS

Model Type	DS-100P6-36	DS-105P6-36
Nominal Maximum Power (Pmax)	100W	105W
Optimum Operating Voltage (Vmp)	17.30V	17.65V
Optimum Operating Current (Imp)	5.78A	5.95A
Open Circuit Voltage (Voc)	21.30V	21.50V
Short Circuit Current (Isc)	6.21A	6.26A
Module Efficiency	14.70%	15.44%
Cell Efficiency	17.10%	18.00%
Power Tolerance	0 to +3%	
Maximum System Voltage	DC 1000V	
Operating Temperature	-40°C ~ +85°C	
Maximum Series Fuse Rating	15A	
Number of Bypass Diode	2	

#### MECHANICAL DATA

Cell Type	156mm x 104mm
Cell Arrangement	36 cells in series
Dimensions	1006 x 676 x 30mm
Weight	8.23kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J- Box	IP65, 2 diodes
Cable	2.5mm <sup>2</sup> , 900mm (650mm is optional)
Connectors	MC4 or MC4 compatible

#### TEMPERATURE CHARACTERISTICS

Temperature Coefficient (Pmax)	-0.420% / °C
Temperature Coefficient (Voc)	-0.304% / °C
Temperature Coefficient (Isc)	0.040% / °C
Norminal Operating Cell Temperature	45 ± 2 °C

#### ELECTRICAL CHARACTERISTICS

