

SOLAR MODULES

YI6Q-100P

Specifications

Cell Type	Poly-Silicon solar Cells
Cell Size	156mm×52mm
No. of cells and connections	72(6×12)
Dimension of module(mm)	1020×670×25mm
Weight	8.0Kg

Electrical Characteristics

Model	YI6Q-100P
Maximum power at STC(Pm)	100W
Open-circuit voltage(Voc)	38.02V
Short-circuit current(Isc)	3.21A
Voltage at Pmax(Vmp)	34.56V
Current at Pmax(Imp)	2.91A

(STC:Irradiance AM1.5, 1000W/m², 25°C)

Limits

Fuse rating	10A
Maximum system voltage	715VDC
Operating temperature	-40~+85°C

Temperature and Coefficients

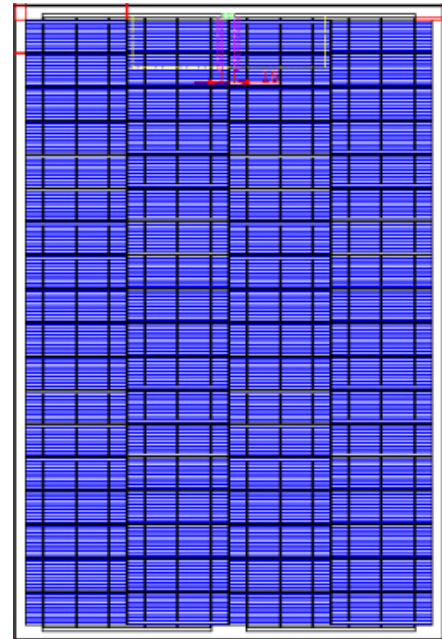
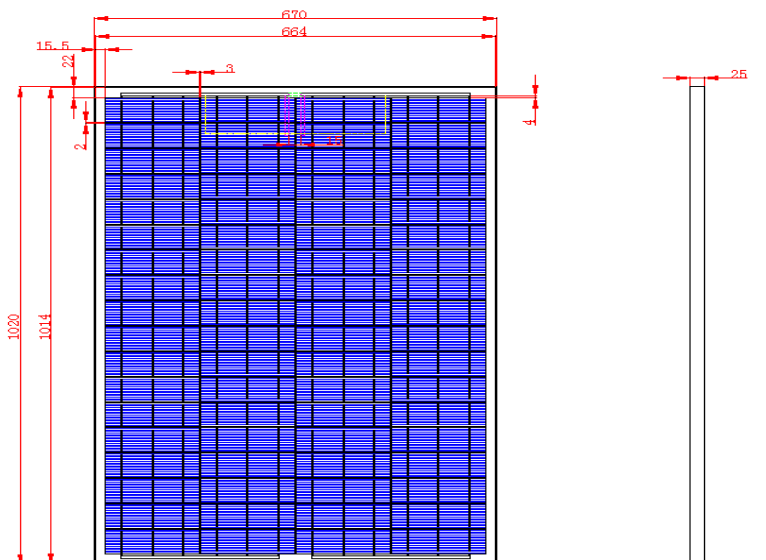
NOCT	45°C+2°C
Temp coefficient of Voc	-0.30%/°C
Temp coefficient of Isc	0.037%/°C
Temp coefficient of power	-0.45%/°C

NOCT:Nominal Operation Cell Temperature

Output

Type of output terminal	Junction box
Cable	4mm ²
Cable lengths	800mm
Connector	Plug type

Mechanical Characteristics



Characteristics Curve

