



SOLAR MODULES

YI-75P

Specifications

| | |
|------------------------------|--------------------------|
| Cell Type | Poly-Silicon solar Cells |
| Cell Size | 156mm×78mm |
| No. of cells and connections | 36(4×9) |
| Dimension of module(mm) | 770*670×25mm |
| Weight | 6.0Kg |

Electrical Characteristics

| | |
|----------------------------|---------------|
| Model | YI-75P |
| Maximum power at STC(Pm) | 75W |
| Open-circuit voltage(Voc) | 21.78V |
| Short-circuit current(Isc) | 4.65A |
| Voltage at Pmax(Vmp) | 17.50V |
| Current at Pmax(Imp) | 4.29A |
| Application | DC 12V system |

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

Limits

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

Temperature and Coefficients

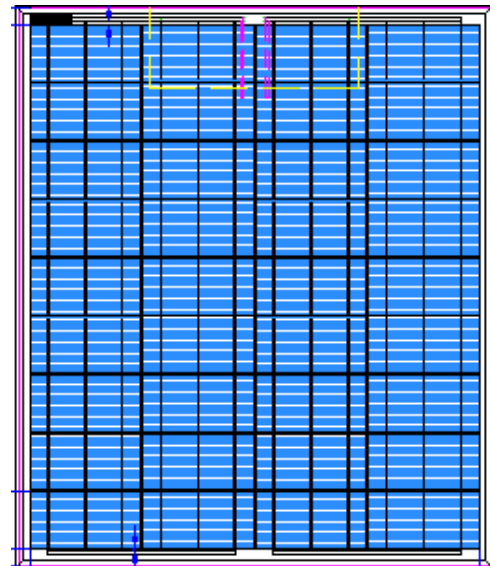
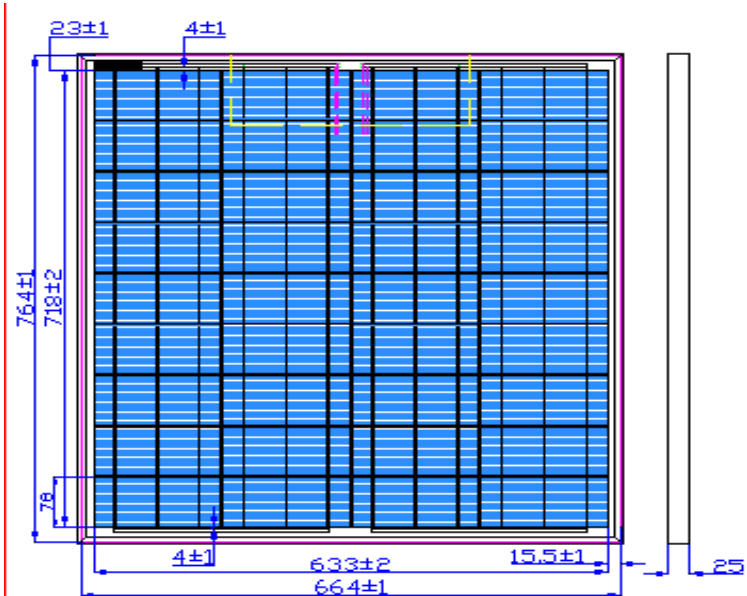
| | |
|---------------------------|-----------|
| NOCT | 45°C ±2°C |
| Temp coefficient of Voc | -0.33%/°C |
| Temp coefficient of Isc | 0.046%/°C |
| Temp coefficient of power | -0.45%/°C |

NOCT:Nominal Operation Cell Temperature

Output

| | |
|-------------------------|------------------|
| Type of output terminal | Junction box |
| Cable | 4mm ² |
| Cable lengths | 500mm |
| Connector | Plug type |

Mechanical Characteristics



Characteristics Curve

