

## TR-90P36

### Poly-Crystalline Module

#### Technical Data

Cell	Poly crystalline 156*76mm
No. of cells and connections	36 in series (4*9)
Dimensions	780*670*30mm
Weight	8.5kg

#### Electrical Characteristics

Model	90P36
Maximum power voltage	17.87V
Maximum power current	5.04A
Open circuit voltage	21.96V
Short circuit current	5.44A
Power	90W
Module Efficiency	15.4%
Operating Temperature	-40°C to +85°C
Maximum system voltage	1000V DC
Series fuse rating	10A
Power Tolerance	±3%

#### Temperature Coefficients

(NOCT)	48±2°C
Temperature coefficient of PM	-0.39%/°C
Temperature coefficient of VOC	-0.32%/°C
Temperature coefficient of ISC	+0.05%/°C

#### Physical Characteristics

Hail impact test	225g steel ball drops from height of 1M without damnification
Wind bearing	≥2400Pa
Pressure bearing	≥5400Pa

All Technical data at standard test condition.

AM=1.5 E=1000W/m<sup>2</sup> TC=25°C

