

TR-90M36

Mono-Crystalline Module

Technical Data

Cell	Mono crystalline 126*126mm
No. of cells and connections	36 in series (4*9)
Dimensions	1200*550*30mm
Weight	8.5kg

Electrical Characteristics

Model	90M36
Maximum power voltage	17.70V
Maximum power current	5.10A
Open circuit voltage	21.60V
Short circuit current	5.39A
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/m² TC=25°C

