

# TECHNICAL SPECIFICATIONS\*

## Solar Modules

Electrical Characteristics	60Wp	75Wp	100Wp	165Wp	250Wp	265Wp	340Wp
Nominal Maximum Power (Pmax)	60	75	100	165	250	265	340
Short Circuit Current (Isc)	3.74	4.7	6.3	9.50	8.55	9.15	9.40
Operating Voltage (Vmp)	18	17.9	17.9	18.50	30.50	31	38.50
Operating Current (Imp)	3.33	4.27	5.7	8.91	8.20	8.54	8.84
Open Circuit Voltage (Voc)	21.6	21.6	21.6	22.50	36.50	37	45.50
Module Efficiency %	>14	>14	>14	>15	>15	>15	>15
Operating Temperature	-40°C to +80°C						
Maximum System Voltage	1000V DC						
Maximum Series Fuse Rating	0	0	0	10	10	15	15
Application Classification	Class A	Class A	Class A	Class A	Class A	Class A	Class A
Power Tolerance (±)	3%	3%	3%	3%	3%	3%	3%
Under Standard Test Condition (STC) of Irradiance of 1000 w/m <sup>2</sup> , Spectrum AM 1.5 and Cell Temperature 25°C							

## Module Data

Cell Type	Poly	Poly	Poly	Poly	Poly	Poly	Poly
Cell Arrangement	41*156	78*156	104*156	156*156	156*156	156*156	156*156
No of Cell	36	36	36	36	60	72	72
Frame Dimension	66*52*35	779*666*35	1006*666*35	1486*666*35	1323*982*35	1639*982*42	1965*982*42
Weight (Kg)	4.2	6.5	9	12	13.5	18.5	21.55
Junction Box	Ip65	Ip65	Ip65	Ip65	Ip67	Ip67, 3 Diodes	Ip67, 3 Diodes
Cable & Connectors	N/A	N/A	N/A	N/A	N/A	4mm <sup>2</sup> AWG 1000	V/MC 4 connectors TM

## Temperature Characteristics

Temperature Coefficient (Pmax)	(-) 0.43 %/K
Temperature Coefficient (Voc)	(-) 0.36/K
Temperature Coefficient (Isc)	(-) 0.06%/K

## Standard Test Condition (STC)

- Irradiance 1000W/m<sup>2</sup>
- Cell Temperature 25°C
- AM=1.5

## Normal Operating Cell Temp. (NOCT)

- Irradiance 800W/m<sup>2</sup>
- Cell Temperature 20°C
- AM=1.5

\* Specifications may change due to continuous R&D