






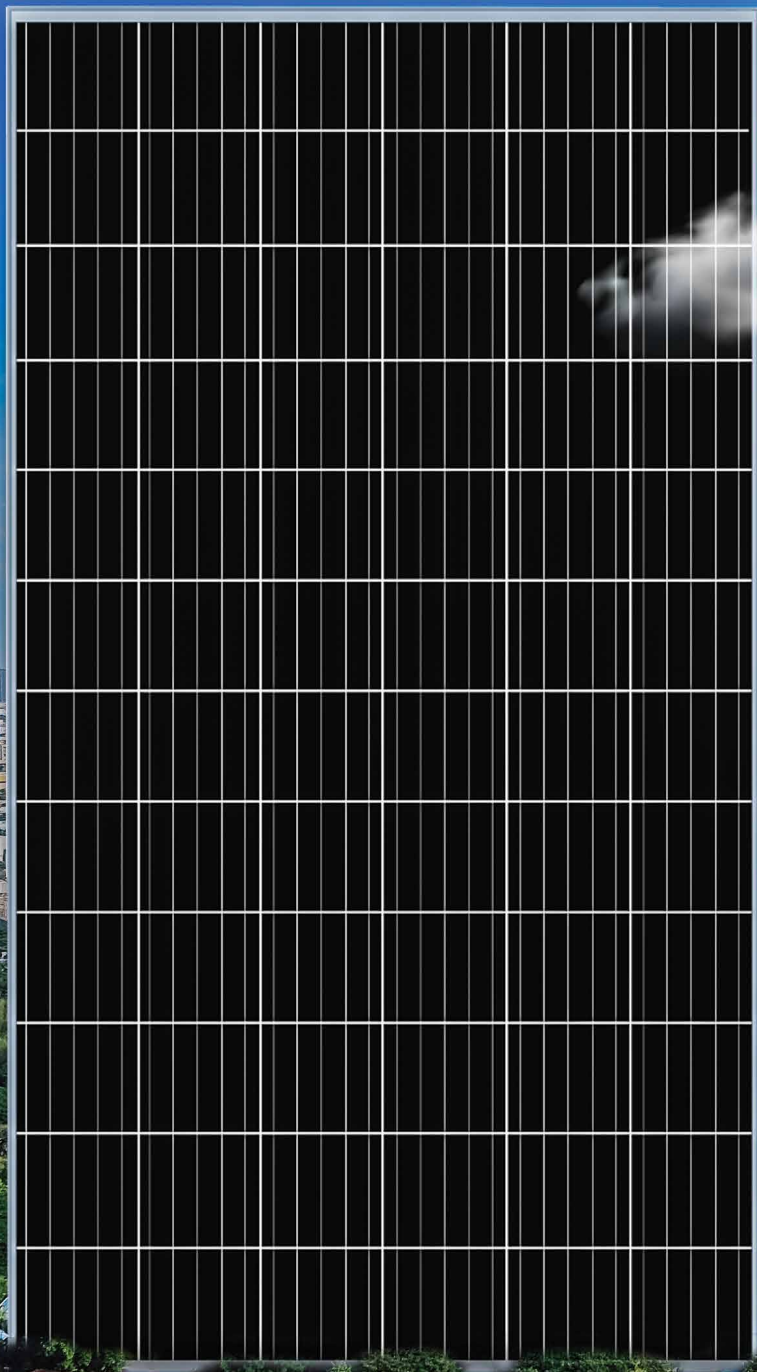
MONO-PERC

MONO-CRYSTALLINE PV MODULES FULL CELLS
MONO-FACIAL

- 72**
FULL CELLS
- 
SAND RESISTANT
- 
LID RESISTANT
- 
AMMONIA RESISTANT
- 
SALT CORROSION RESISTANT
- 
HIGHLY STABLE AND TOUGH

25
years
Performance Guarantee

10
years
Product Warranty



MONO

395 W - 260 W - 225 W

Electrical Parameter at Standard Test Condition (STC)

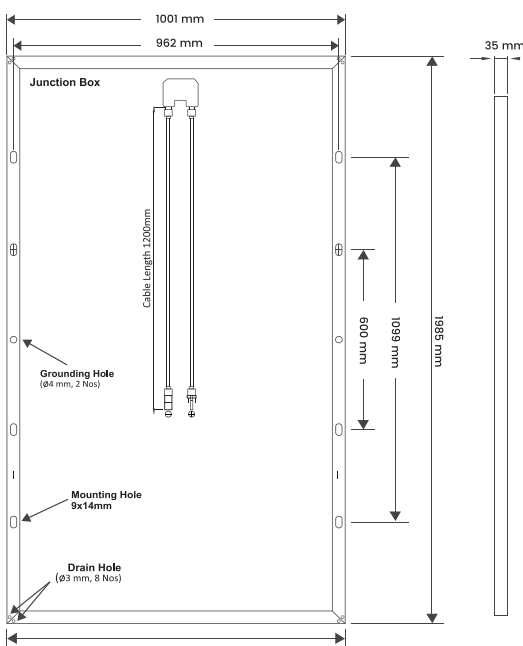
NO OF CELL	48	60	72
Maximum Power (Pmax) Wp	225	260	395
Maximum Power Voltage (Vmp) V	26.10	31.19	41.3
Maximum Power Current (Imp) A	8.62	8.38	9.58
Open Circuit Voltage (Voc) V	31.23	38.39	49.2
Short Circuit Current (Isc) A	8.92	8.70	10.08
Module Efficiency (>) %	16.89	16.1	19.85

Under Standard Test Condition (STC) of Irradiance of 1000 W/m², Spectrum Cell Temperature of 25°C

ELECTRICAL PARAMETER AT NOCT	225	260	395
Maximum Power (Pmax) Wp	163.1	188.4	283.76
Maximum Power Voltage (Vmp) V	23.33	27.73	36.95
Maximum Power Current (Imp) A	6.99	6.79	7.79
Open Circuit Voltage (Voc) V	28.44	34.94	45.32
Short Circuit Current (Isc) A	7.36	7.18	8.14

NOCT Irradiance of 800 W/m², Ambient Temperature 20°C, Wind speed 1 m/Sec

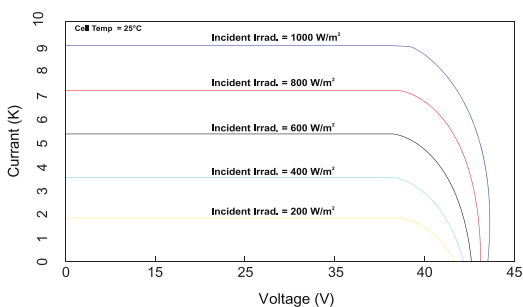
Dimension



MECHANICAL DATA

Cell Type	Mono Crystalline or Mono PERC
Cell Arrangement	72 (12 x 6)
Dimensions (L/W/H)	1985 mm /1001 mm/35 mm (40 mm in optional)
Weight	22 Kg
Superstrate (Glass)	3.2 mm High Transmission Low-iron Tempered
Frame Material	Anodized Aluminum Frame with Twin Wall Profile
Cell Encapsulant	PID free EVA (Ethylene Vinyl Acetate)-FC/UFC
Back Sheet	UV Protected tri Layer Reflective Back sheet
Junction Box	IP68 Rated
Cable	1200 mm/4 mm ²
Connector	2 nos Black MC4 Compatible Connector
By-pass Diode	3 PCS
Mechanical Load test	Snow load 5400 Pa, Wind load 2400 Pa
Application Class	Class A
Electrical Safety	Class II
Fire Safety	Class C (Type)

IV Curves



TEMPERATURE CO-EFFICIENTS AND OPERATING CONDITIONS

Nominal Operating Cell Temperature	45°C ± 2 °C
Temperature Coefficient of Pmpp	-0.39%/°C
Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	+0.06%/°C
Operating Temperature Range	-40°C To +85°C
Maximum System Voltage	1500 V (IEC & UL)
By-Pass Diode Rating	20A
Maximum Series Fuse Rating	15A
Design Load (Pa)	2400

