

TECHNICAL SPECIFICATIONS

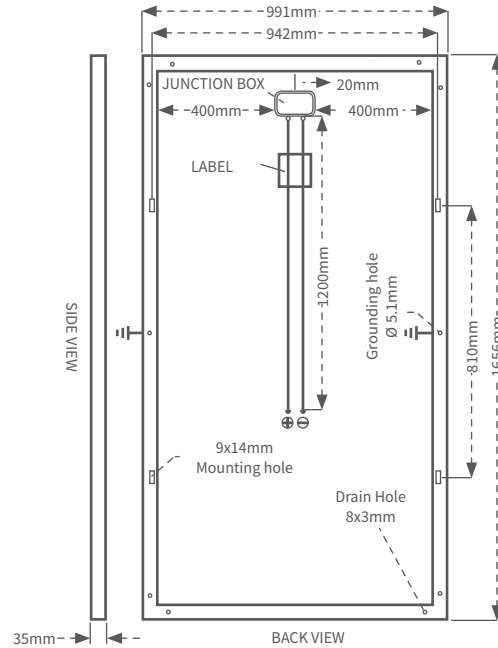
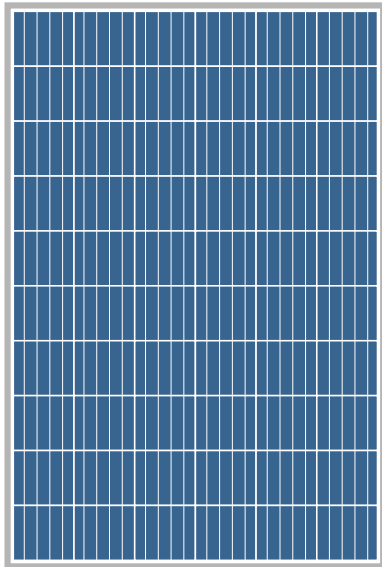
60 CELL SOLAR PV MODULE - POLY CRYSTALLINE



DURABILITY



10 YEARS WARRANTY ON PRODUCT MANUFACTURING



MECHANICAL CHARACTERISTICS

Cell Type	Poly-crystalline 156.75 x 156.75mm (6.17 inches)
No of Cells	60 (6x10)
Dimensions	1656 x 991x35mm (65.19x39.01x1.37inch)
Weight	19.0 kg (41.88 lbs.)
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	4.0Sqmm, Length: 1200mm
Connector	MC4 Compatible
Maximum Snow Load	550Kg/m ²
Maximum wind Load	200Km/h
Hailstone Impact Test	80Km/h for 25mm ice ball

PACKAGING CONFIGURATION

Container	20' GP	40' GP
Pieces / Pallet	25	25
Pallets / Container	12	28
Pieces / Container	300	700

60 CELL POLY CRYSTALLINE SOLAR PV MODULES - ELECTRICAL CHARACTERISTICS

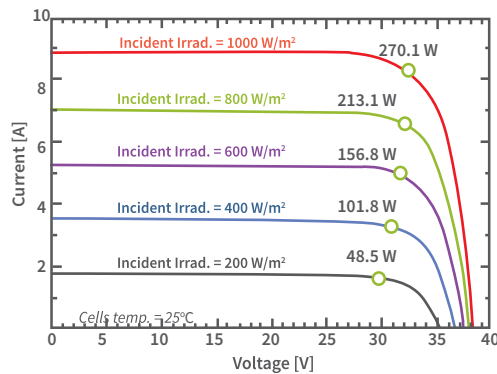
Model No	PSS-20260	PSS-20265	PSS-20270	PSS-20275
Wattage Wp	260	265	270	275
Voltage at Max Power, Vmax	30.71	30.92	31.13	31.99
Open circuit Voltage, Voc	37.74	37.95	38.17	38.59
Current at Max Power, Imax	8.48	8.58	8.68	8.60
Short Circuit Current, Isc	9.11	9.18	9.29	9.03
Fill factor	75.62	76.07	76.14	78.95
Module Efficiency	15.85	16.16	16.46	16.76
Operating Temperature (°C)	-40°C ~ +85°C	Temperature Co-efficients of Pmax		-0.41%/°C
Maximum System Voltage	1000/1500VDC (IEC)	Temperature Co-efficients of Vmax		-0.33%/°C
Maximum series fuse rating	15A	Temperature Co-efficients of Isc		+0.03%/°C
Power Tolerance	(0, +5)	Nominal operating cell temperature (NOCT)		45+-2°C

STC: Irradiance 1000W/m²

Cell Temperature 25°C

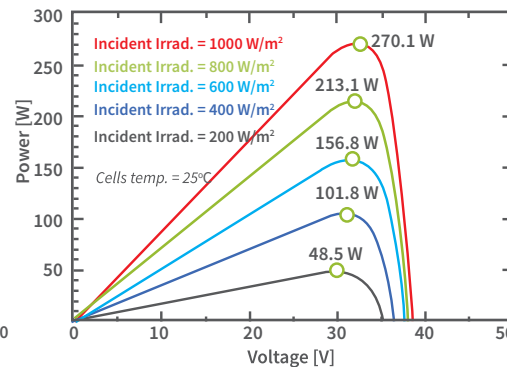
AM = 1.5

PV Module : PREMIER PSS-20270



Current - Voltage curves

PV module : PREMIER PSS-20270



Power - Voltage curves