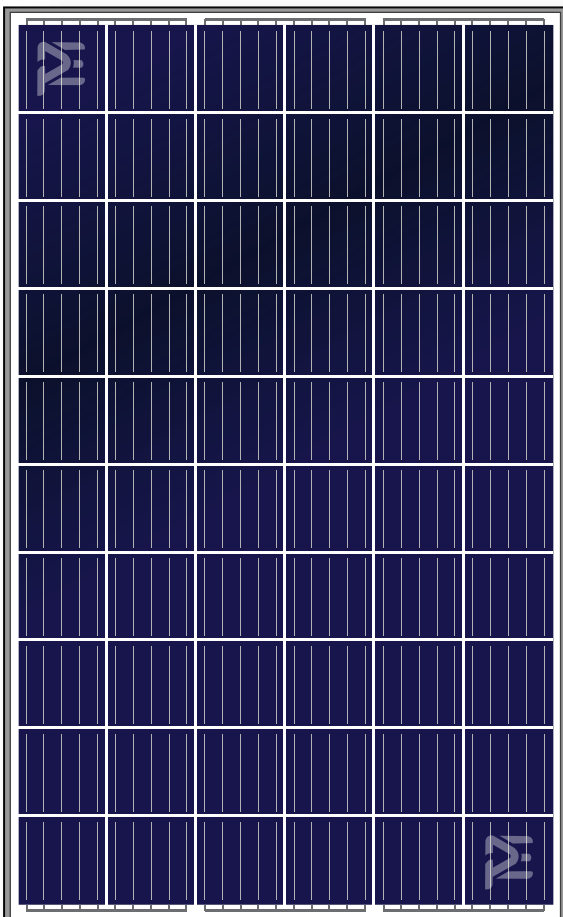


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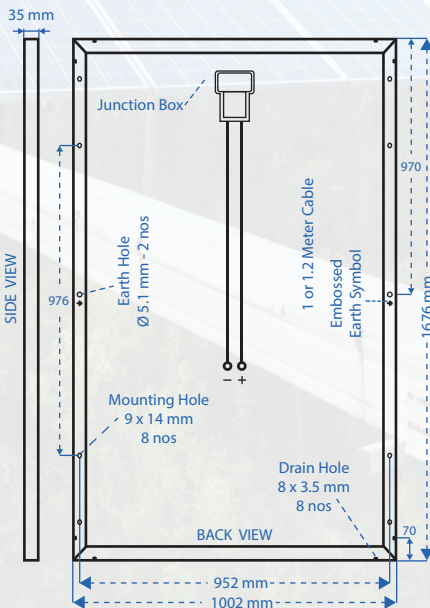
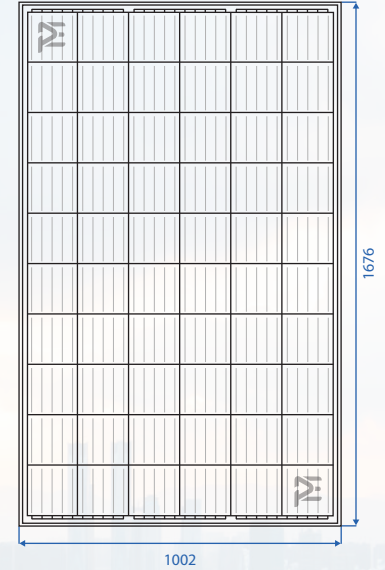
ELECTRICAL CHARACTERISTICS

Module Type	PSS-20280	PSS-20285	PSS-20290	PSS-20295
Maximum Power (Pmp)	280	285	290	295
Open Circuit Voltage (Voc)	37.57	37.60	37.63	37.66
Short Circuit Current (Isc)	9.40	9.56	9.72	9.87
Maximum Power Voltage (Vmp)	31.62	31.66	31.70	31.74
Maximum Power Current (Imp)	8.86	9	9.15	9.29
Module Efficiency (ηm)	16.67	16.97	17.27	17.57
Power Tolerance	(-0, +5W)			
Maximum System Voltage	1000V / 1500VDC			
Maximum Series Fuse Rating	15 A			

Irradiance 1000 W/m² module temperature 25°C AM=1.5

TEMPERATURE CHARACTERISTICS

Pmax Temperature Coefficient	-0.35% / °C
Voc Temperature Coefficient	-0.31% / °C
Isc Temperature Coefficient	0.06% / °C
Operating Temperature	-40°C TO +85°C
Nominal Operating Cell Temperature	45 ± 2°C



MECHANICAL SPECIFICATIONS

External Dimensions	1676 x 1002 x 35 mm
Weight	19.5 kg
Solar Cells	Polycrystalline 158.75 x 158.75 mm
Front Glass	3.2 mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cable	4.0 Sqm, Length 1200 mm
Connector	MC4 Compatible
Mechanical Load	5400 Pa for Snow Load, 2400 Pa Wind Load

PACKING CONFIGURATION

	20' GP	40' GP
Container	31	31
Pieces per Pallet	12	26
Pallets per Container	372	806

For more details, please consult Premier Energies.