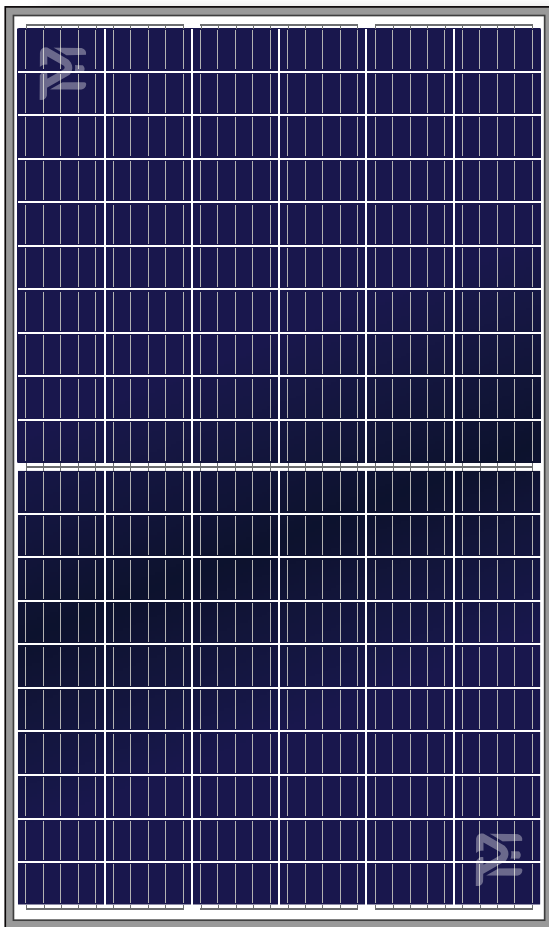


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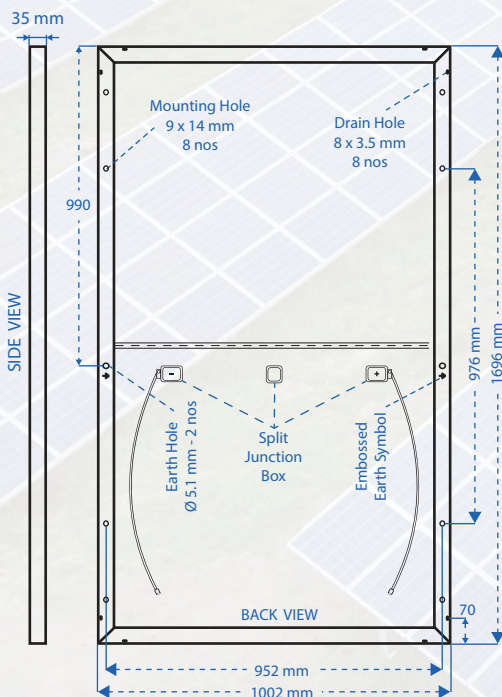
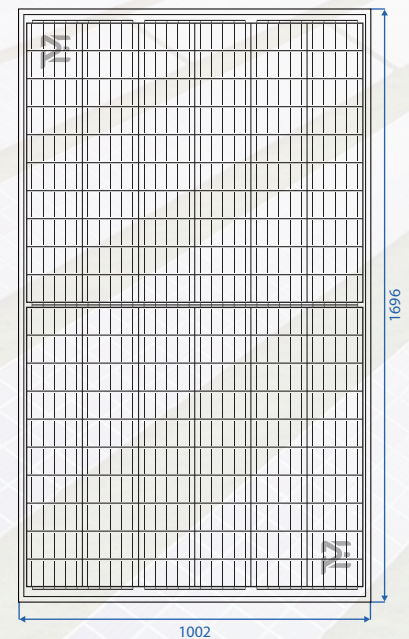
ELECTRICAL CHARACTERISTICS

Module Type	PSS-20285HC	PSS-20290HC	PSS-20295HC	PSS-20300HC
Maximum Power (Pmp)	285	290	295	300
Open Circuit Voltage (Voc)	37.61	37.64	37.68	38.01
Short Circuit Current (Isc)	9.57	9.73	9.88	9.91
Maximum Power Voltage (Vmp)	31.65	31.74	31.78	31.80
Maximum Power Current (Imp)	9.01	9.14	9.29	9.43
Module Efficiency (ηm)	16.77	17.06	17.36	17.65
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	1696 x 1002 x 35 mm
Weight	20 kg
Solar Cells	Polycrystalline 158.75 x 158.75 mm
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	3 Split, IP68 Rated
Output Cable	4.0 Sqm
Connector	MC4 Compatible
Mechanical Load	5400 Pa for Snow Load, 2400 Pa Wind Load

PACKING CONFIGURATION

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

For more details, please consult Premier Energies.