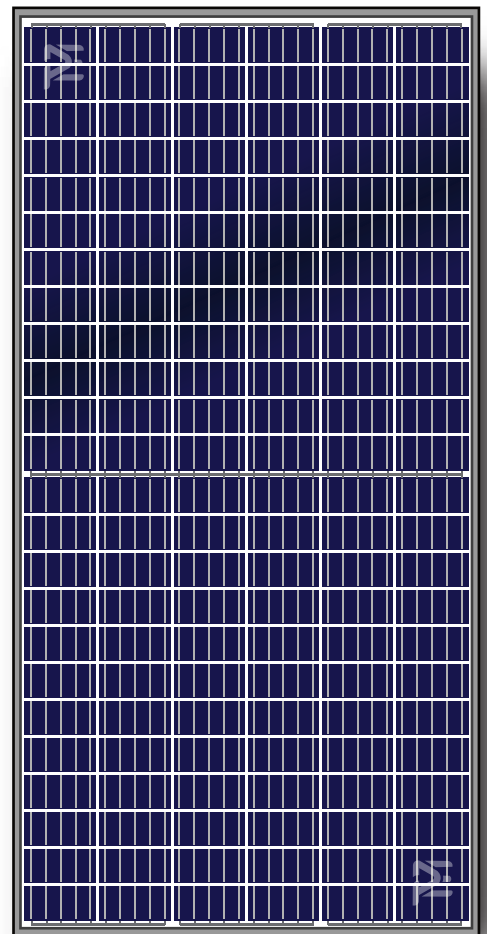


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**144 CELL  
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**340-355 W**

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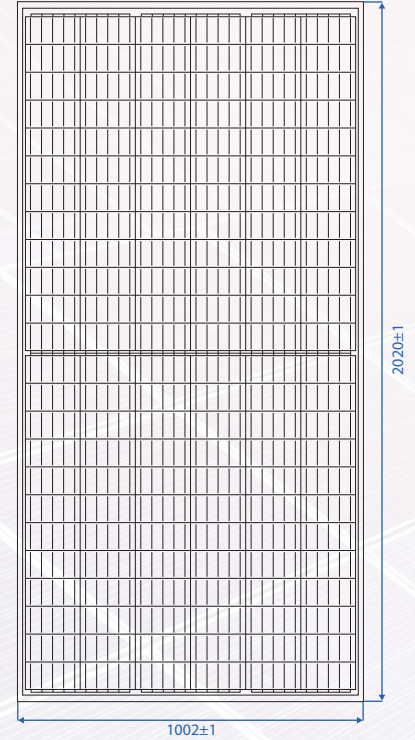
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## 144 Cell Solar PV Module Polycrystalline 340-355 W Pmp

### ELECTRICAL CHARACTERISTICS

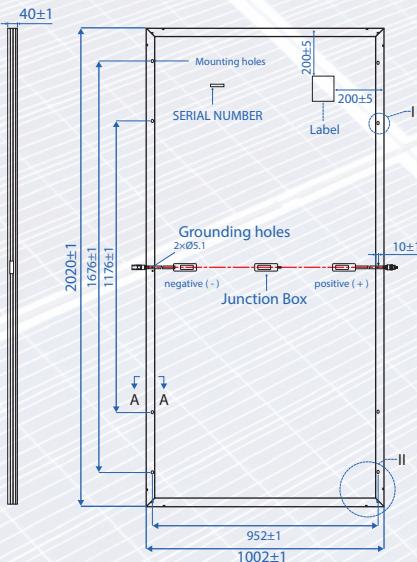
Module Type	PSS-24340HC	PSS-24345HC	PSS-24350HC	PSS-24355HC
Maximum Power (Pmp)	340	345	350	355
Open Circuit Voltage (Voc)	45.63	45.68	45.73	45.78
Short Circuit Current (Isc)	9.47	9.60	9.73	9.85
Maximum Power Voltage (Vmp)	38.13	38.18	38.23	38.28
Maximum Power Current (Imp)	8.92	9.04	9.16	9.28
Module Efficiency (ηm)	16.80	17.05	17.29	17.54
Power Tolerance	(-0, +5W)			
Maximum System Voltage	1000 / 1500VDC			
Maximum Series Fuse Rating	15A			

Irradiance 1000 W/m<sup>2</sup> 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	2020x1002x40 mm
Weight	24.5 kg
Solar Cells	Polycrystalline 158.75x158.75mm
Front Glass	3.2 mm, 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	25	25
Pallets per Container	10	22
Pieces per Container	250	550

For more details, please consult Premier Energies.