



SPM 200-220 Mono 5inches /72 Cells SPM 200-220 Mono 5inches /72 Cells

Electrical Characteristics

STANDARD TEST CONDITIONS: IRRADIANCE: 1000W/M ² AM: 1.5 TEMPERATURE: 25°C					
Maximum Power (<u>P_{max}</u>)	200W	205W	210W	215W	220W
Maximum Power Voltage (<u>V_{mp}</u>)	37.20	37.40	37.60	37.80	38.00
Maximum Power Current (<u>I_{mp}</u>)	5.38	5.48	5.58	5.69	5.79
Open Circuit Voltage (<u>V_{oc}</u>)	45.70	45.90	46.00	46.10	46.20
Short Circuit Current (<u>I_{sc}</u>)	5.76	5.83	5.90	5.97	6.04
Module Efficiency (%)	15.66	16.05	16.44	16.84	17.23

Temperature Coefficients

Temperature Coefficients of <u>P_m</u>	-0.45%/°C
Temperature Coefficients of <u>V_{oc}</u>	-0.34%/°C
Temperature Coefficients of <u>I_{sc}</u>	+0.05%/°C

Max. Limits

Maximum System Voltage	1000V and 1500V applicable(high cost)
Module Operating Temperature	-40 to +86°C
<u>Noct</u>	45°C±2°C

Mechanical Characteristics

Cell Technology and size	125mmx125mm(5 inches) Mono-crystal silicon
Number of Cells (<u>Pcs</u>)	72(6x12)
Dimensions	1580x808x35mm
Weight	13 <u>kgs</u> 1539934855653598.png
Frame	Anodized Aluminum Alloy
Length of Cables (mm)	900mm (35.43inch)
Allowable Hail Load	227g steel ball dropped from 1m height
Surface Maximum Load Capacity	5400pa
Modules per pallet	32 <u>pcs</u>
Modules per 40HQ container	1050 <u>pcs</u>