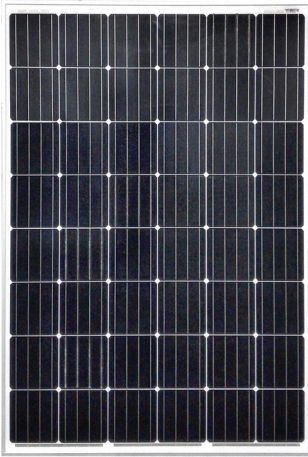


For Global Market



NOVA™ Datasheet Crystalline PV Module CHSM6608M Series

205 210 215 220 225

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ELECTRICAL SPECIFICATIONS							
	205 Wp	210 Wp	215 Wp	220 Wp	225 Wp		
STC rated output (P_{mpp})*	205 Wp	210 Wp	215 Wp	220 Wp	225 Wp		
PTC rated output (P_{mpp})**	182.9 Wp	187.5 Wp	192.1 Wp	196.7 Wp	201.4 Wp		
Standard sorted output	0/+5 Wp						
Warranted power output STC ($P_{nominal}$)	205 Wp	210 Wp	215 Wp	220 Wp	225 Wp		
Rated voltage (V_{mpp}) at STC	24.68 V	25.01 V	25.35 V	25.61 V	26.10 V		
Rated current (I_{mpp}) at STC	8.34 A	8.43 A	8.52 A	8.60 A	8.62 A		
Open circuit voltage (V_{oc}) at STC	30.61 V	30.76 V	30.91 V	31.09 V	31.23 V		
Short circuit current (I_{sc}) at STC	8.71 A	8.75 A	8.79 A	8.84 A	8.92 A		
Module efficiency	15.5%	15.9%	16.3%	16.7%	17.1%		
Rated output (P_{mpp}) at NOCT	148.6 Wp	152.2 Wp	155.8 Wp	159.4 Wp	163.1 Wp		
Rated voltage (V_{mpp}) at NOCT	21.97 V	22.27 V	22.55 V	22.86 V	23.33 V		
Rated current (I_{mpp}) at NOCT	6.76 A	6.84 A	6.91 A	6.97 A	6.99 A		
Open circuit voltage (V_{oc}) at NOCT	27.86 V	27.99 V	28.13 V	28.29 V	28.42 V		
Short circuit current (I_{sc}) at NOCT	7.19 A	7.22 A	7.26 A	7.29 A	7.36 A		
Temperature coefficient (P_{mpp})	- 0.47%/K				Maximum system voltage (UL/IEC)	1000 V _{DC} ***	
Temperature coefficient (I_{sc})	+0.035%/K				Number of diodes	6 (or 3)	
Temperature coefficient (I_{mpp})	- 0.042%/K				Maximum series fuse rating	15 A	
Temperature coefficient (V_{mpp})	- 0.433%/K				*** Option: 1500VDC for special requirement in advance		
Temperature coefficient (V_{oc})	- 0.328%/K						
Normal operating cell temperature (NOCT)	47±2°C						

* Measurement tolerance +/- 3%
** Estimated



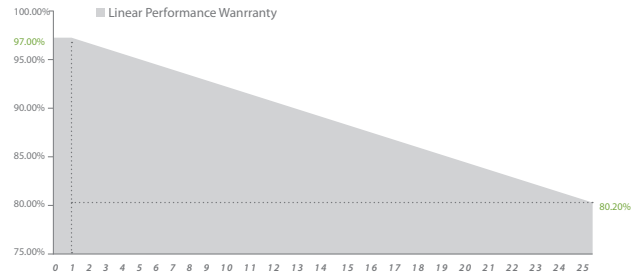
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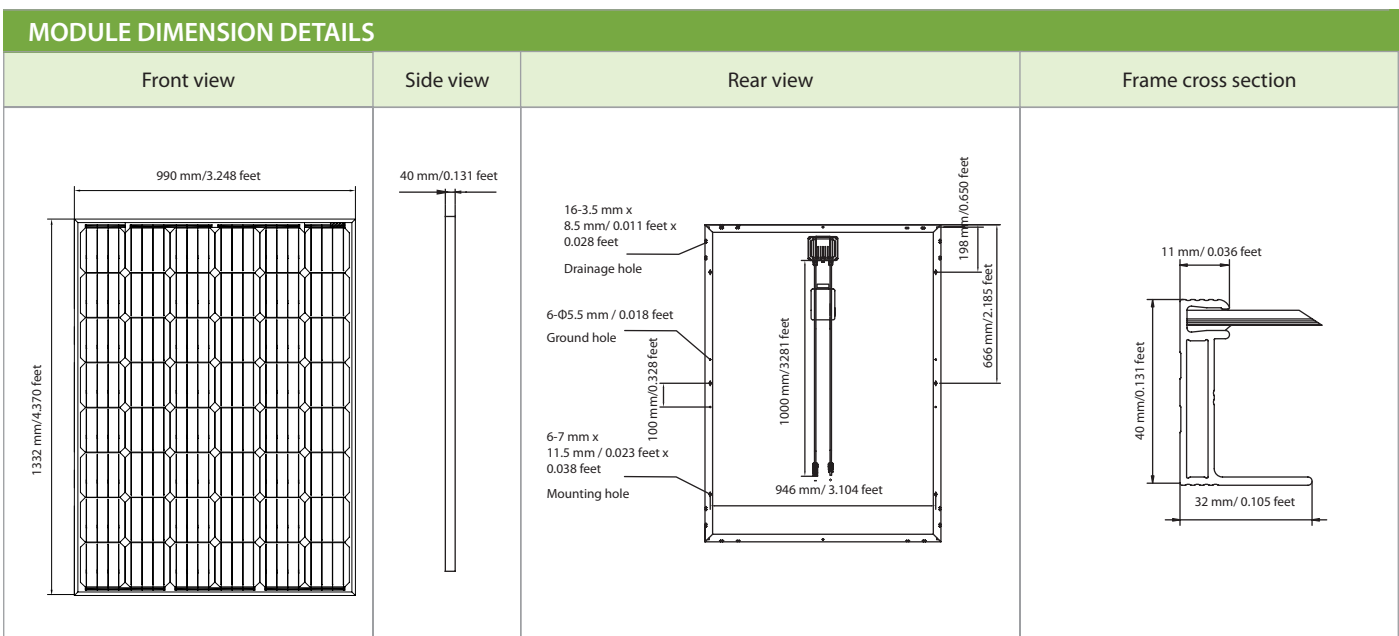
RELATED PARAMETERS	
Cell type	monocrystalline
Number of cells / cell arrangement	48 / 6 x 8
Cells dimension	6"
Packing unit	25 modules
Weight of packing unit	416 kg / 917 lbs

MECHANICAL SPECIFICATIONS	
Outer dimensions (L x W x H)	1332 x 990 x 40 mm 52.44 x 38.98 x 1.57 in
Frame technology	Aluminum, silver anodized
Module composition	Glass / EVA / Backsheet (white)
Weight (module only)	15.0 kg / 33.1 lbs
Front glass thickness	3.2 mm / 0.13 in
Junction box IP rating	IP 65 (above)
Cable length / diameter (UL)	1000 mm / 39.37 in / 12 AWG
Cable length / diameter (IEC)	1000 mm / 39.37 in / 4 mm ²
Maximum load capacity	5400 Pa
Fire performance (UL/IEC)	Type 1 (UL) or Class C (IEC)
Connector type (UL/IEC)	MC type 4 compatible

QUALIFICATION AND LINEAR WARRANTIES	
Product standard	IEC 61215, 61730 / UL 1703
Extended product warranty	10 years
Output decline 3%/year performance P _{mpp} (STC)	1 st year
Output decline 0.7%/year performance P _{mpp} (STC)	2 nd - 25 th years



ARTICLE NUMBER (per panel)-NOVA CHSM6608M Series		
Model	Article No. (IEC)	Article No. (UL)
(NOVA) CHSM6608M-205	100439	100444
(NOVA) CHSM6608M-210	100440	100445
(NOVA) CHSM6608M-215	100441	100446
(NOVA) CHSM6608M-220	100442	100447
(NOVA) CHSM6608M-225	100443	100448



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