



# NOVA™ Datasheet Crystalline PV Module CHSM6612M (FR) Series



325    330    335    340    345

EN

## ELECTRICAL SPECIFICATIONS

	325 Wp	330 Wp	335 Wp	340 Wp	345 Wp
STC rated output ( $P_{mpp}$ ) <sup>①</sup>	325 Wp	330 Wp	335 Wp	340 Wp	345 Wp
PTC rated output ( $P_{mpp}$ ) <sup>②</sup>	298.8 Wp	303.5 Wp	308.2 Wp	313.0 Wp	317.7 Wp
Standard sorted output	0/+5 Wp				
Warranted power output STC ( $P_{nominal}$ )	325 Wp	330 Wp	335 Wp	340 Wp	345 Wp
Rated voltage ( $V_{mpp}$ ) at STC	37.29 V	37.56 V	37.82 V	38.08 V	38.34 V
Rated current ( $I_{mpp}$ ) at STC	8.73 A	8.80 A	8.87 A	8.93 A	9.01 A
Open circuit voltage ( $V_{oc}$ ) at STC	45.73 V	45.89 V	45.98 V	46.38 V	46.70 V
Short circuit current ( $I_{sc}$ ) at STC	9.26 A	9.29 A	9.38 A	9.41 A	9.48 A
Module efficiency	16.8%	17.1%	17.3%	17.6%	17.8%
Rated output ( $P_{mpp}$ ) at NOCT	239.4 Wp	243.0 Wp	246.7 Wp	250.4 Wp	254.1 Wp
Rated voltage ( $V_{mpp}$ ) at NOCT	34.39 V	34.65 V	34.88 V	35.14 V	35.36 V
Rated current ( $I_{mpp}$ ) at NOCT	6.96 A	7.02 A	7.07 A	7.13 A	7.19 A
Open circuit voltage ( $V_{oc}$ ) at NOCT	42.40 V	42.55 V	42.63 V	43.00 V	43.30 V
Short circuit current ( $I_{sc}$ ) at NOCT	7.44 A	7.46 A	7.54 A	7.56 A	7.62 A
Temperature coefficient ( $P_{mpp}$ )	-0.376%/K		Maximum system voltage (IEC)		
Temperature coefficient ( $I_{sc}$ )	+0.043%/K		1000 V <sub>dc</sub> <sup>③</sup>		
Temperature coefficient ( $I_{mpp}$ )	-0.008%/K		Number of diodes		
Temperature coefficient ( $V_{mpp}$ )	-0.370%/K		3		
Temperature coefficient ( $V_{oc}$ )	-0.282%/K		Maximum series fuse rating		
Normal operating cell temperature (NOCT)	46±2°C		15 A		

① Measurement tolerance +/- 3%

② Estimated

③ Option: 1500V<sub>dc</sub> for special requirement in advance

\* With Fire Class Crating certificate for Australian CEC listing



## RELATED PARAMETERS

Cell type	Monocrystalline
Number of cells / cell arrangement	72 / 6 x 12
Cells dimension	6"
Packing unit	25 modules
Weight of packing unit	698 kg / 1539 lbs

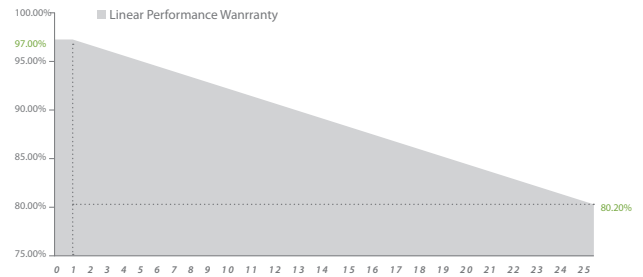
## MECHANICAL SPECIFICATIONS

Outer dimensions (L x W x H)	1954 x 990 x 40 mm 76.93 x 38.98 x 1.57 in
Frame technology	Aluminum, silver anodized
Module composition	Glass / EVA / Backsheet (white)
Weight (module only)	25.8 kg / 56.88 lbs
Front glass thickness	4.0 mm / 0.16 in
Junction box IP rating	IP 67
* Cable length / diameter (IEC)	1150 mm / 45.28 in / 4 mm <sup>2</sup>
Maximum load capacity	5400 Pa
Fire class	C
Connector type (IEC)	MH5 (by Minghe) or PV-CY05L (by Chuangyuan) or PV-HCA30 (by Xinhui) or MC4 (by MC)

\* Option: 900(+)/600(-) mm or 1000 mm for defined projects in advance.

## QUALIFICATION AND LINEAR WARRANTIES

Product standard	IEC 61215, 61730
Extended product warranty	10 years
Output decline 3%/year performance P <sub>mpp</sub> (STC)	1 <sup>st</sup> year
Output decline 0.7%/year performance P <sub>mpp</sub> (STC)	2 <sup>nd</sup> ~ 25 <sup>th</sup> years



## ARTICLE NUMBER

Model	Article No. (IEC)
(NOVA) CHSM6612M (FR)-325	100682
(NOVA) CHSM6612M (FR)-330	100616
(NOVA) CHSM6612M (FR)-335	100617
(NOVA) CHSM6612M (FR)-340	100618
(NOVA) CHSM6612M (FR)-345	100619

## MODULE DIMENSION DETAILS

Front view	Side view	Rear view	Frame cross section

Made in China

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