



Datasheet

Crystalline PV Module

CHSM6610P Series

EN

245	250	255	260	265
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ELECTRICAL SPECIFICATIONS						
STC rated output (P_{mpp}) ^①	245 Wp ^③	250 Wp ^③	255 Wp ^③	260 Wp	265 Wp	
PTC rated output (P_{mpp}) ^②	223.2 Wp	227.9 Wp	232.5 Wp	237.2 Wp	241.8 Wp	
Standard sorted output	0/+5 Wp					
Warranted power output STC ($P_{nominal}$)	245 Wp	250 Wp	255 Wp	260 Wp	265 Wp	
Rated voltage (V_{mpp}) at STC	29.92 V	30.30 V	30.68 V	31.05 V	31.43 V	
Rated current (I_{mpp}) at STC	8.20 A	8.27 A	8.33 A	8.39 A	8.46 A	
Open circuit voltage (V_{oc}) at STC	37.98 V	38.19 V	38.40 V	38.53 V	38.72 V	
Short circuit current (I_{sc}) at STC	8.62 A	8.65 A	8.69 A	8.72 A	8.75 A	
Module efficiency	14.9%	15.2%	15.5%	15.8%	16.1%	
Rated output (P_{mpp}) at NOCT	183.8 Wp	187.5 Wp	191.3 Wp	195.0 Wp	198.8 Wp	
Rated voltage (V_{mpp}) at NOCT	27.06 V	27.37 V	27.73 V	28.08 V	28.38 V	
Rated current (I_{mpp}) at NOCT	6.79 A	6.85 A	6.90 A	6.95 A	7.00 A	
Open circuit voltage (V_{oc}) at NOCT	34.70 V	34.89 V	35.08 V	35.20 V	35.37 V	
Short circuit current (I_{sc}) at NOCT	7.26 A	7.28 A	7.32 A	7.34 A	7.37 A	
Temperature coefficient (P_{mpp})	- 0.47%/K				Maximum system voltage (UL/IEC)	1000 V _{dc}
Temperature coefficient (I_{sc})	+0.052%/K				Number of diodes	6 (or 3)
Temperature coefficient (I_{mpp})	- 0.008%/K				Maximum series fuse rating	15 A
Temperature coefficient (V_{mpp})	- 0.463%/K					
Temperature coefficient (V_{oc})	- 0.344%/K					
Normal operating cell temperature (NOCT)	43±2°C					

① Measurement tolerance +/- 3%

② Estimated

③ For KEMCO certified product only, the official model name is CHSM6610P-245K1/250K1/255K1



RELATED PARAMETERS

Cell type	polycrystalline
Number of cells / cell arrangement	60 / 6 x 10
Cells dimension	6"
Packing unit	25 modules
Weight of packing unit	530 kg / 1166 lbs

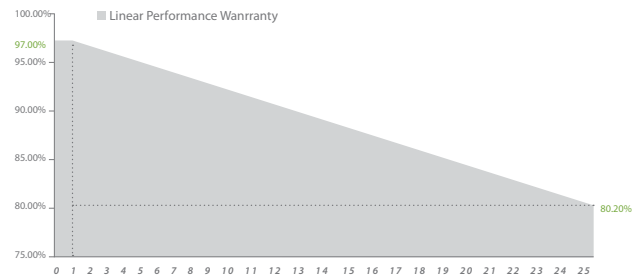
MECHANICAL SPECIFICATIONS

Outer dimensions (L x W x H)	1652 x 994 x 40 mm 65.04 x 39.13 x 1.57 in
Frame technology	Aluminum, silver anodized
Module composition	Glass / EVA / Backsheet (white)
Weight (module only)	19.5 kg / 42.9 lbs
Front glass thickness	3.2 mm / 0.13 in
Junction box IP rating	IP 65 (above)
* Cable length (UL/IEC)	1000 mm / 39.37 in
Cable diameter (UL/IEC)	12 AWG / 4 mm ²
Maximum load capacity	5400 Pa
Fire class	C
Connector type (UL/IEC)	MC type 4 compatible

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

QUALIFICATION AND LINEAR WARRANTIES

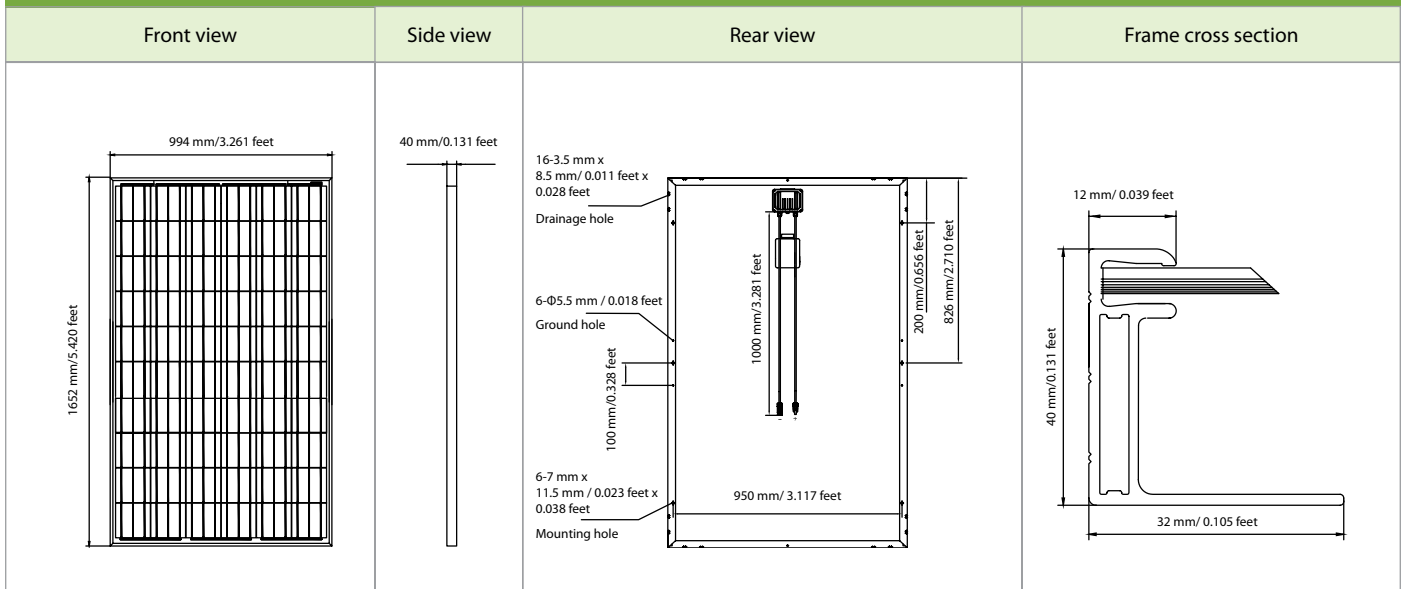
Product standard	IEC 61215, 61730 / UL 1703
Extended product warranty	10 years
Output decline 3%/year performance P _{mpp} (STC)	1 st year
Output decline 0.7%/year performance P _{mpp} (STC)	2 nd - 25 th years



ARTICLE NUMBER (per panel)-CHSM6610P Series

Model	Article No. (IEC)	Article No. (UL)
CHSM6610P-245	200180	200188
CHSM6610P-250	200181	200189
CHSM6610P-255	200229	200231
CHSM6610P-260	200230	200232
CHSM6610P-265	200354	200355

MODULE DIMENSION DETAILS



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