

VIOLINTM II

Crystalline PV Module

CHSM6610P (DG) Series

- ▶ Double glass structure to increase strength
- ▶ PID free and snail trail free
- ▶ 30-year linear performance warranty & 12-year product warranty
- ▶ Applicable for the extremely stringent environment

260 265 270 275 280

EN

ELECTRICAL SPECIFICATIONS

	260 Wp	265 Wp	270 Wp	275 Wp	280 Wp
STC rated output (P_{mpp})*	260 Wp	265 Wp	270 Wp	275 Wp	280 Wp
PTC rated output (P_{mpp})**	240.2 Wp	244.9 Wp	249.7 Wp	254.4 Wp	259.1 Wp
Standard sorted output	0/+5 Wp				
Warranted power output STC ($P_{nominal}$)	260 Wp	265 Wp	270 Wp	275 Wp	280 Wp
Rated voltage (V_{mpp}) at STC	31.05 V	31.43 V	31.78 V	32.09 V	32.44 V
Rated current (I_{mpp}) at STC	8.39 A	8.46 A	8.52 A	8.57 A	8.63 A
Open circuit voltage (V_{oc}) at STC	38.53 V	38.72 V	38.91 V	39.13 V	39.32 V
Short circuit current (I_{sc}) at STC	8.72 A	8.75 A	8.79 A	8.96 A	9.06 A
Module efficiency	15.8%	16.1%	16.4%	16.7%	17.0%
Rated output (P_{mpp}) at NOCT	195.0 Wp	198.8 Wp	202.5 Wp	206.3 Wp	210.0 Wp
Rated voltage (V_{mpp}) at NOCT	28.08 V	28.38 V	28.71 V	29.07 V	29.40 V
Rated current (I_{mpp}) at NOCT	6.95 A	7.00 A	7.05 A	7.09 A	7.14 A
Open circuit voltage (V_{oc}) at NOCT	35.20 V	35.37 V	35.55 V	35.75 V	35.92 V
Short circuit current (I_{sc}) at NOCT	7.34 A	7.37 A	7.40 A	7.54 A	7.63 A

Temperature coefficient (P_{mpp})	- 0.407%/K	Maximum system voltage (IEC/UL)	1500 V _{oc}
Temperature coefficient (I_{sc})	+0.049%/K	Number of diodes	3
Temperature coefficient (I_{mpp})	- 0.000%/K	Maximum series fuse rating	15 A
Temperature coefficient (V_{mpp})	- 0.408%/K		
Temperature coefficient (V_{oc})	- 0.310%/K		
Normal operating cell temperature (NOCT)	43±2°C		

* Measurement tolerance +/- 3%
 ** Estimated



RELATED PARAMETERS

Cell type	polycrystalline
Number of cells / cell arrangement	60 / 6 x 10
Cells dimension	6"
Packing unit	33 modules
Weight of packing unit	851 kg / 1876 lbs

MECHANICAL SPECIFICATIONS

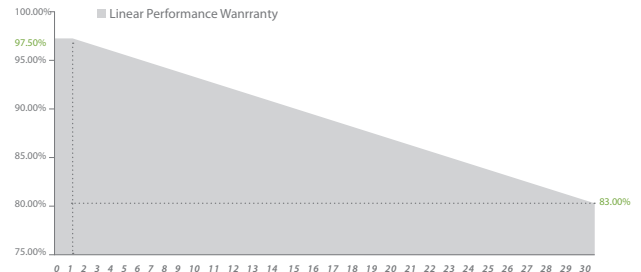
Outer dimensions (L x W x H)	1658 x 992 x 23.5 mm 65.27 x 39.06 x 0.93 in
Module composition	Glass / PO(transparent or white) / Glass
Weight (module only)	23 kg / 50.71 lbs
Glass thickness	2.5 mm / 0.098 in
Junction box IP rating	IP 67
① Cable length (UL/IEC)	200 mm / 7.87 in +250 mm / 9.84 in
Cable diameter (UL/IEC)	12 AWG / 4 mm ²
② Maximum load capacity	5400 Pa
Fire performance (UL/IEC)	Type 1 (UL) or Class C (IEC)
Connector type (UL/IEC)	MC4 compatible

① Positive: 250mm, negative: 200mm

② Only limit to the specified clamp fixing in Astronergy crystalline installation manual

QUALIFICATION AND LINEAR WARRANTIES

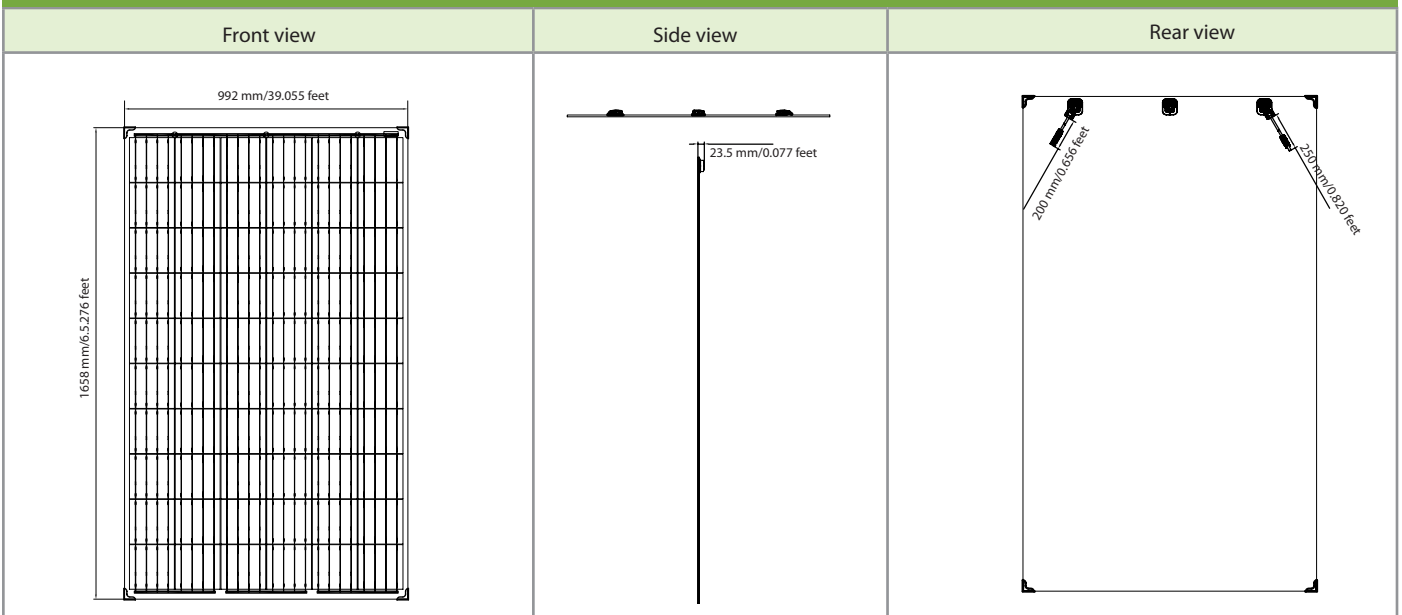
Product standard	IEC 61215, 61730 / UL 1703
Extended product warranty	12 years
Output decline 2.5%/year performance P _{mpp} (STC)	1 st year
Output decline 0.5%/year performance P _{mpp} (STC)	2 nd - 30 th years



ARTICLE NUMBER

Model	Article No. (IEC)	Article No. (UL)
(VIOLIN II) CHSM6610P(DG)-260	200444	200449
(VIOLIN II) CHSM6610P (DG)-265	200445	200450
(VIOLIN II) CHSM6610P (DG)-270	200462	200465
(VIOLIN II) CHSM6610P (DG)-275	200463	200466
(VIOLIN II) CHSM6610P (DG)-280	200464	200467

MODULE DIMENSION DETAILS



© Chint Solar (Zhejiang) Co., Ltd. Reserves the right of final interpretation.
Specifications and designs included in this datasheet are subject to change without notice.