

# Datasheet

## Crystalline PV Module

### CHSM6610Q Series

EN

250	255	260
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#### ELECTRICAL SPECIFICATIONS

	250 Wp	255 Wp	260 Wp	
STC rated output ( $P_{mpp}$ )*	250 Wp	255 Wp	260 Wp	
PTC rated output ( $P_{mpp}$ **)	227.9 Wp	232.5 Wp	237.20 Wp	
Standard sorted output	-0/+5 Wp			
Warranted power output STC ( $P_{mpp, min}$ )	250 Wp	255 Wp	260 Wp	
Rated voltage ( $V_{mpp}$ ) at STC	30.30 V	30.68 V	31.05 V	
Rated current ( $I_{mpp}$ ) at STC	8.27 A	8.33 A	8.39 A	
Open circuit voltage ( $V_{oc}$ ) at STC	38.19 V	38.40 V	38.53 V	
Short circuit current ( $I_{sc}$ ) at STC	8.65 A	8.69 A	8.72 A	
Module efficiency	15.2%	15.5%	15.8%	
Rated output ( $P_{mpp}$ ) at NOCT	187.5 Wp	191.25 Wp	195 Wp	
Rated voltage ( $V_{mpp}$ ) at NOCT	27.37 V	27.73 V	28.08 V	
Rated current ( $I_{mpp}$ ) at NOCT	6.85 A	6.90 A	6.95 A	
Open circuit voltage ( $V_{oc}$ ) at NOCT	34.89 V	35.08 V	35.20 V	
Short circuit current ( $I_{sc}$ ) at NOCT	7.28 A	7.32 A	7.34 A	
Temperature coefficient ( $P_{mpp}$ )	- 0.469%/K		Maximum system voltage SCII	1000 Vdc
Temperature coefficient ( $I_{sc}$ )	+0.052%/K		Maximum system voltage NEC	600 Vdc / 1000 Vdc
Temperature coefficient ( $I_{mpp}$ )	- 0.008%/K		Number of diodes	6
Temperature coefficient ( $V_{mpp}$ )	- 0.463%/K		Maximum series fuse rating	15 A
Temperature coefficient ( $V_{oc}$ )	- 0.344%/K			
Normal operating cell temperature (NOCT)	43±2°C			

\* Measurement tolerance +/- 3%  
 \*\* Estimated



## QUALIFICATION AND WARRANTIES

Product standard	IEC 61215, 61730 / UL 1703
Extended product warranty	10 years
Output warranty of 90% performance $P_{mpp}$ (STC)	10 years
Output warranty of 80% performance $P_{mpp}$ (STC)	25 years
MunichRe Warranty	25 years

## 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
Cable length / diameter (UL)	1000 mm / 39.37 in / 12 AWG
Cable length / diameter (IEC)	1000 mm / 39.37 in / 4 mm <sup>2</sup>
Maximum load capacity	5400 Pa
Fire class	C
Connector type (UL)	Multi Contact type 4 / MC type 4 compatible
Connector type (TUV)	MC type 4 compatible

## CELL TECHNOLOGY

Cell type	polycrystalline
Number of cells / cell arrangement	60 / 6 x 10
Cells dimension	6"

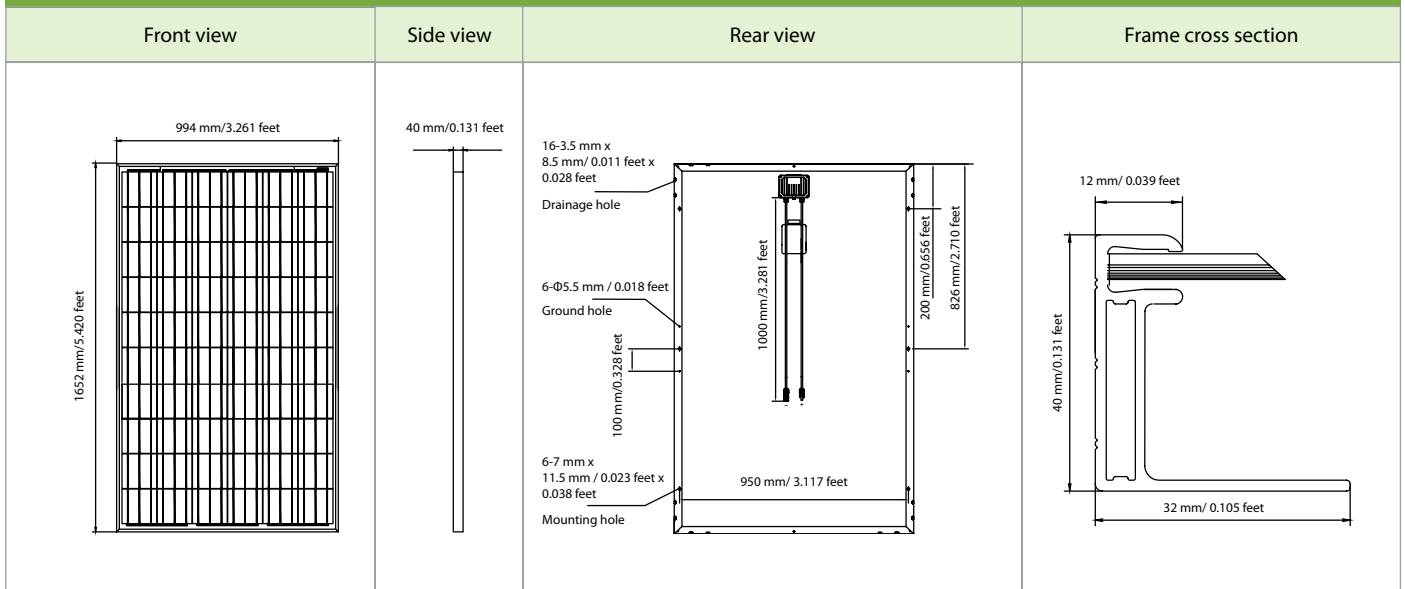
## MISCELLANEOUS

Packing unit	25 modules
Weight of packing unit	530 kg / 1166 lbs

## ARTICLE NUMBER (per panel)-CHSM6610Q Series

Model	Article No. (IEC)	Article No. (UL)
CHSM6610Q-250	200127	200132
CHSM6610Q-255	200128	200133
CHSM6610Q-260	200129	200134

## DETAILS DES DIMENSIONS DU MODULE



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