

# FICHA DEL PRODUCTO

ITEM:

Panel fotovoltaico 320W, 1954 x 990 x 40 mm policristalino

CÓDIGO:

1415320CH

IMAGEN:



DESCRIPCIÓN  
APLICACIÓN:

STC rated output ( $P_{mpp}$ ) <sup>1</sup>	320 Wp	Panel fotovoltaico 320W +0/5 W
PTC rated output ( $P_{mpp}$ ) <sup>2</sup>	291.9 Wp	Celdas: 6 x 12
Warranted power output STC ( $P_{nominal}$ )	320 Wp	Tipo: policristalino
Rated voltage ( $V_{mpp}$ ) at STC	35.86 V	Voltaje: 35.8V DC
Rated current ( $I_{mpp}$ ) at STC	8.93 A	Corriente: 8.9 A
Open circuit voltage ( $V_{oc}$ ) at STC	45.68 V	Dimensiones: 1954 x 990 x 40 mm
Short circuit current ( $I_{sc}$ ) at STC	9.06 A	Conector : MC4
Module efficiency	16.5%	Eficiencia: 16.5%
Rated output ( $P_{mpp}$ ) at NOCT	223.5 Wp	Estandares: IEC 61215, 61730 / UL 1703
Rated voltage ( $V_{mpp}$ ) at NOCT	32.74 V	90% de rendimiento a los 10 años
Rated current ( $I_{mpp}$ ) at NOCT	6.82 A	80% de rendimiento a los 25 años
Open circuit voltage ( $V_{oc}$ ) at NOCT	41.92 V	
Short circuit current ( $I_{sc}$ ) at NOCT	7.01 A	
Temperature coefficient ( $P_{mpp}$ )	-0.408%/K	
Temperature coefficient ( $I_{sc}$ )	+0.050%/K	
Temperature coefficient ( $I_{mpp}$ )	-0.003%/K	
Temperature coefficient ( $V_{mpp}$ )	-0.406%/K	
Temperature coefficient ( $V_{oc}$ )	-0.311%/K	
Normal operating cell temperature (NOCT)	46±2°C	
Maximum system voltage (UL/IEC)	1000 V <sub>DC</sub>	
Number of diodes	6 (or 3)	
Maximum series fuse rating	15 A	

<sup>1</sup> Measurement tolerance +/- 3%

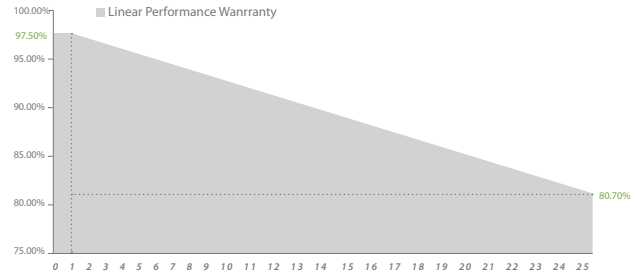
<sup>2</sup> Estimated

RELATED PARAMETERS	
Cell type	polycrystalline
Number of cells / cell arrangement	72 / 6 x 12
Cells dimension	6"
Packing unit	25 modules
Weight of packing unit	703 kg / 1550 lbs

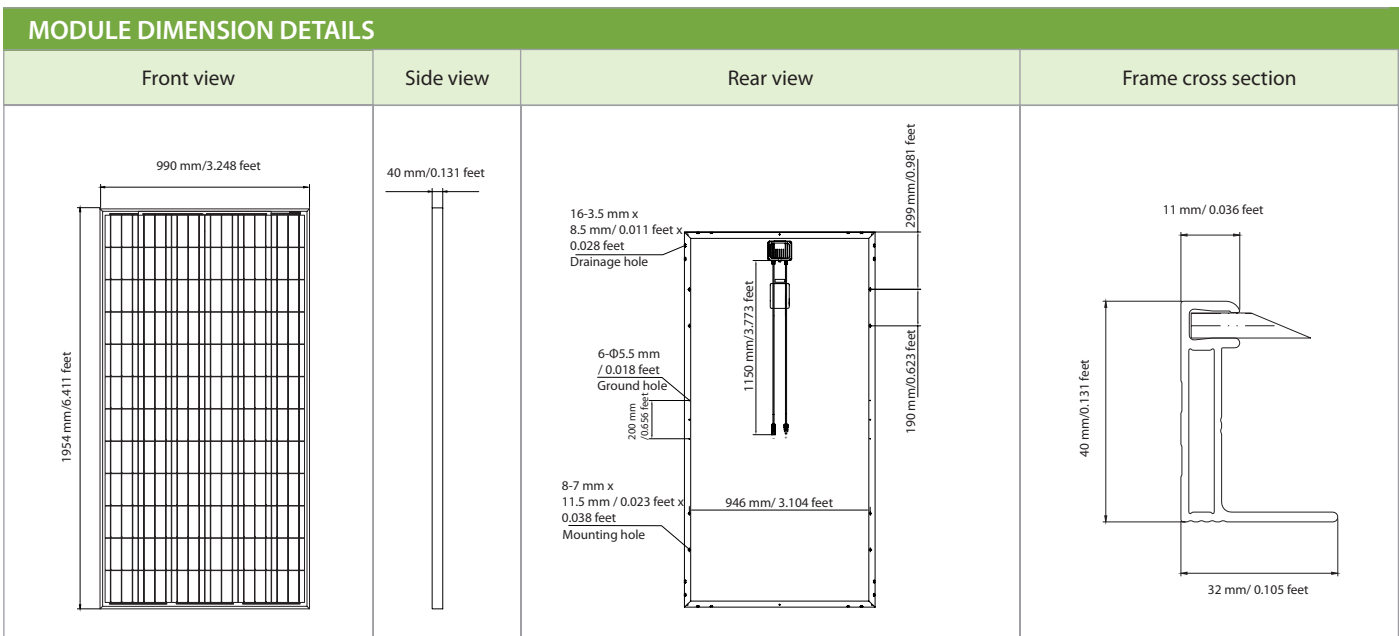
MECHANICAL SPECIFICATIONS	
Outer dimensions (L x W x H)	1954 x 990 x 40 mm 76.93 x 38.98 x 1.57 in
Frame technology	Aluminum, silver anodized
Module composition	Glass / EVA / Backsheet (white)
Weight (module only)	25.8 kg / 56.9 lbs
Front glass thickness	4.0 mm / 0.16 in
Junction box IP rating	IP 65 (above)
*Cable length (UL/IEC)	1150 mm / 45.28 in
Cable diameter (UL/IEC)	12 AWG / 4 mm <sup>2</sup>
Maximum load capacity	5400 Pa
Fire performance (UL/IEC)	Type 1 (UL) or Class C (IEC)
Connector type (UL/IEC)	MC type 4 compatible

\* Option: 1000 mm for defined projects in advance.

QUALIFICATION AND LINEAR WARRANTIES	
Product standard	IEC 61215, 61730 / UL 1703
Extended product warranty	10 years
Output decline 2.5%/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 (per panel)-CHSM6612P Series		
Model	Article No. (IEC)	Article No. (UL)
CHSM6612P-320	200536	200541



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