

CertainTeed Solar

# CT SERIES 120 HALF-CELL SOLAR MODULES



## Half-Cell Monocrystalline Type

CT320HC11-04  
CT325HC11-04  
CT330HC11-04

See reverse for product specifications



## Features and Benefits

### High Quality / High Power

- Up to 330W with black backsheet
- UL listed (UL 1703)
- Positive power output tolerance

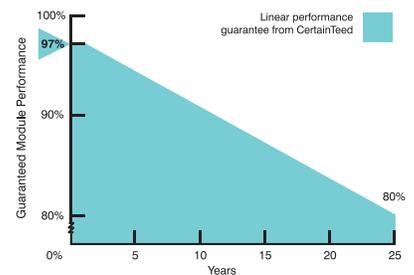
### Limited Warranty\*

- 25-year linear power output warranty

\*See CertainTeed's limited warranty for details



## Power Output Warranty





## Electrical Characteristics

		320W	325W	330W
Nominal Output (Pmpp)	W	320	325	330
Voltage at Pmax (Vmpp)	V	33.0	32.7	32.9
Current at Pmax (Impp)	A	9.7	9.9	10.0
Open Circuit Voltage (Voc)	V	39.9	40.1	40.3
Short Circuit Current (Isc)	A	10.1	10.4	10.5
Output Tolerance	W	-0 / + 5		
No. of Cells & Connections	120 half-cells with 3 bypass diodes			
Maximum Series Fuse Rating	20A			
Cell Type	6" half-cut monocrystalline			
Module Efficiency	%	19.0	19.3	19.6
Temperature Coefficient of Pmpp	%/C	-0.42		
Temperature Coefficient of Voc	%/C	-0.31		
Temperature Coefficient of Isc	%/C	0.05		

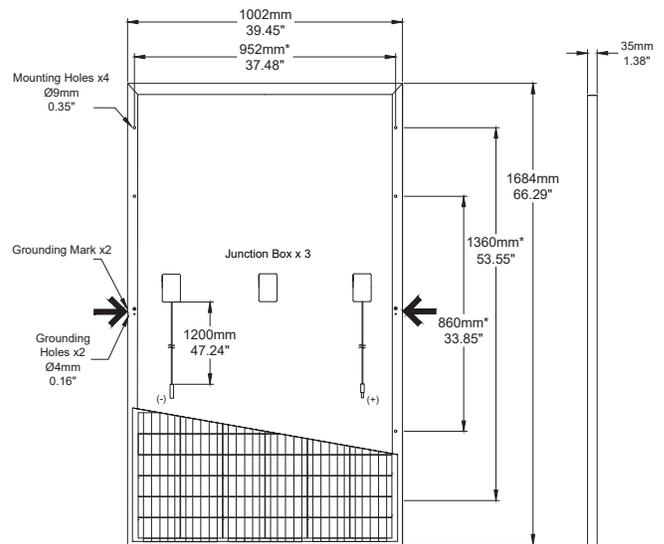


## Mechanical Characteristics

Laminate	Glass: 3.2 high transmission, tempered, anti-reflective Encapsulant: EVA Backsheet: Weatherproof film (Black)
Frame	Anodized aluminum (Black)
Junction Box	IP67/IP68
Output Cables	4 mm <sup>2</sup> (12AWG) PV Wire, Length 1.2m (47.2")
Connectors	Polarized MC compatible
Weight	19.0 kg (41.89 lbs)



## Dimensions



- \* Distance between mounting holes
- ➔ Grounding holes



## Operating Conditions

Nominal Operating Cell Temp.	45+/-2° C
Operating Temperature	-40 to 85° C
Maximum System Voltage	1,000V
Fire Performance	Class C / Type 1
Maximum Wind Load	50 lbs/ft <sup>2</sup> (2400 Pa)
Maximum Snow Load	112 lbs/ft <sup>2</sup> (5400 Pa)



### CertainTeed

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