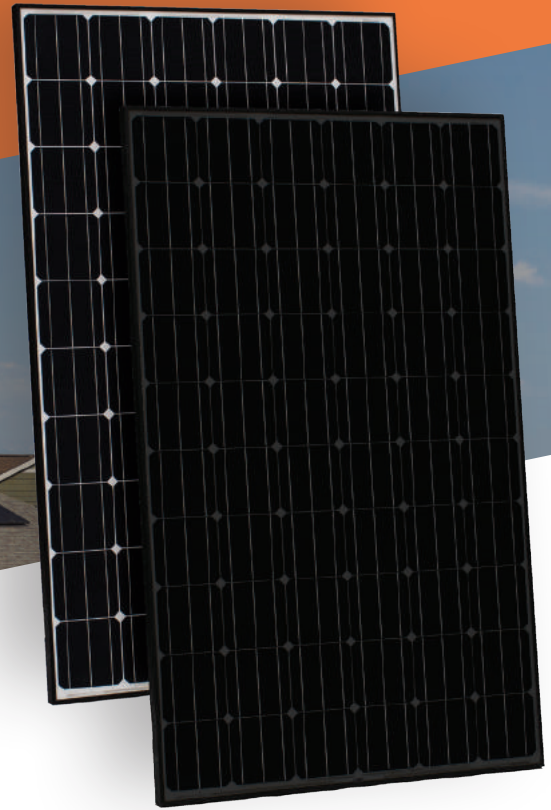


CertainTeed Solar

# US SERIES 60 CELL SOLAR MODULES



## Monocrystalline Type

CT300MXX-02  
CT305MXX-02  
CT310MXX-02  
CT315MXX-02

XX denotes frame and backsheet color respectively.  
0 = White or Silver, 1 = Black



## Features and Benefits

### High Quality / High Power

- Up to 315W
- UL listed (UL 1703)
- Output power tolerance +3/-0%
- PID Free

### Limited Warranty\*

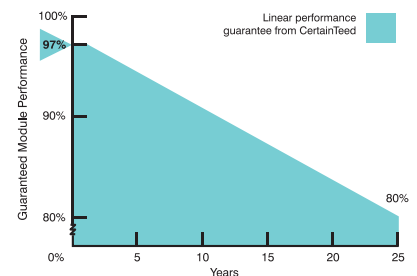
- 10-year product warranty
- 25-year linear power output warranty

\*See CertainTeed's limited warranty for details

See reverse for  
product specifications



## Power Output Warranty



**MADE IN USA**

using foreign and domestic components

**CertainTeed**  
SAINT-GOBAIN

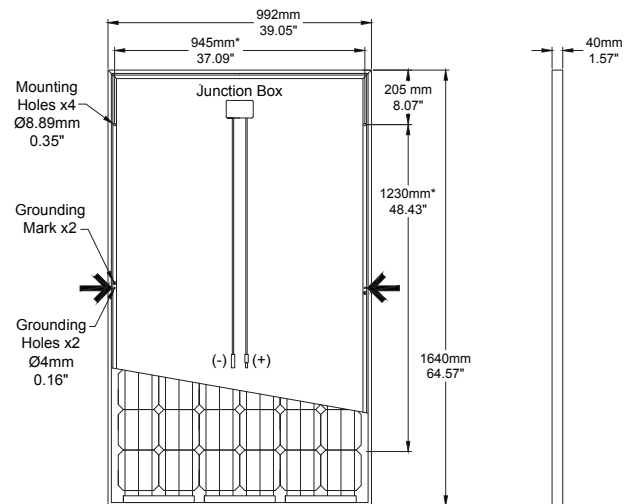
## Electrical Characteristics

		300W	305W	310W	315W
Nominal Output (Pmpp)	W	300	305	310	315
Voltage at Pmax (Vmpp)	V	32.5	32.7	32.3	33.2
Current at Pmax (Impp)	A	9.2	9.3	9.4	9.5
Open Circuit Voltage (Voc)	V	40.5	40.8	41.1	41.5
Short Circuit Current (Isc)	A	9.9	10.1	10.2	10.4
Output Tolerance	%	+3/-0			
No. of Cells & Connections		60 in series with 3 bypass diodes			
Cell Type		6" Monocrystalline			
Module Efficiency	%	18.4	18.7	19.1	19.4
Temperature Coefficient of Pmpp	%/C	-0.38			
Temperature Coefficient of Voc	%/C	-0.28			
Temperature Coefficient of Isc	%/C	-0.04			

## Mechanical Characteristics

Laminate	Glass: 3.2 high transmission, tempered, anti-reflective Encapsulant: EVA Backsheet: Weatherproof film (black/white)
Frame	Anodized aluminum (Black)
Junction Box	IP68, IEC certified, UL listed
Output Cables	4 mm <sup>2</sup> (12AWG) cables, Length 1.0m (39.4")
Connectors	Polarized MC4 compatible Weatherproof, IEC certified, UL listed
Weight	19.0 kg (41.9 lbs)

## Dimensions



- \* Distance between mounting holes
- ➔ Grounding holes

## Operating Conditions

Nominal Operating Cell Temperature	46° C + 2
Operating Temperature	-40 to 85° C
Maximum System Voltage	1000v
Maximum Series Fuse Rating	20A
Fire Performance	Type 2
Maximum Wind Load	30 lbs/ft <sup>2</sup>