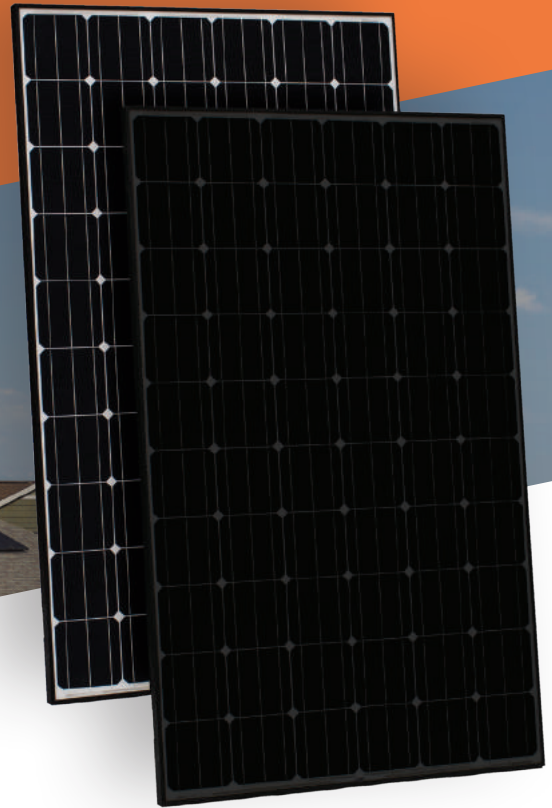


CertainTeed Solar

US SERIES 60 CELL SOLAR MODULES



Monocrystalline Type

- CT290MXX-02
- CT295MXX-02
- CT300MXX-02
- CT305MXX-02



Features and Benefits

High Quality / High Power

- 300W Black Backsheet, 305W White Backsheet
- UL listed (UL 1703)
- Output power tolerance +3/-0%
- PID Free

Limited Warranty*

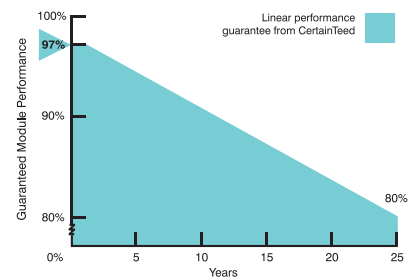
- 10-year product warranty
- 25-year linear power output warranty

*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

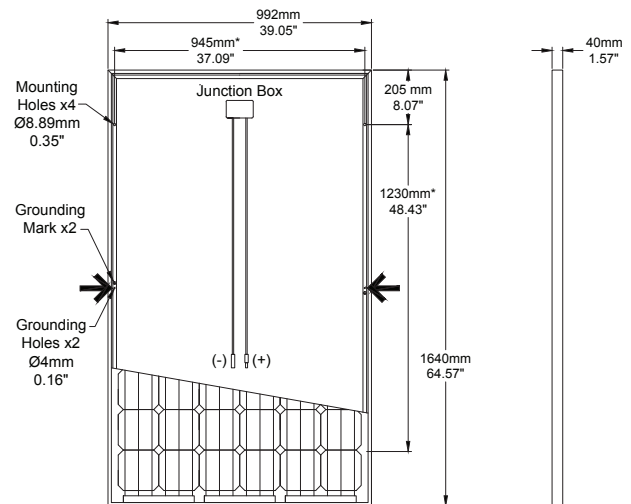
Electrical Characteristics

		290W	295W	300W	305W
Nominal Output (Pmpp)	W	290	295	300	305
Voltage at Pmax (Vmpp)	V	32.0	32.2	32.5	32.7
Current at Pmax (Impp)	A	9.1	9.2	9.2	9.3
Open Circuit Voltage (Voc)	V	39.8	40.1	40.5	40.8
Short Circuit Current (Isc)	A	9.6	9.8	9.9	10.1
Output Tolerance	%	+3/-0			
No. of Cells & Connections		60 in series with 3 bypass diodes			
Cell Type		6" Monocrystalline			
Module Efficiency	%	17.7	18.1	18.4	18.7
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 ² (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 ²