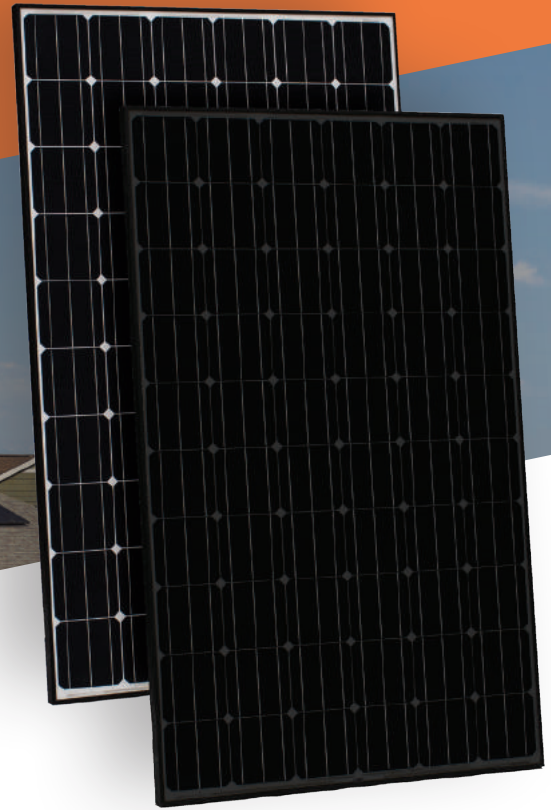


CertainTeed Solar

US SERIES 60 CELL SOLAR MODULES



Monocrystalline Type

CT300M11-02
CT305M11-02
CT310M11-02
CT315M11-02

See reverse for
product specifications



Features and Benefits

High Quality / High Power

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

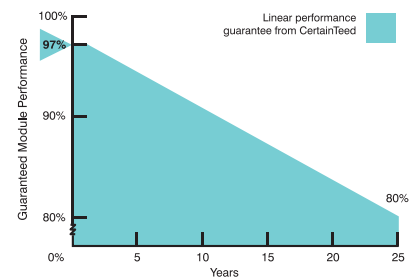
Limited Warranty*

- 25-year linear power output warranty

*See CertainTeed's limited warranty for details



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			

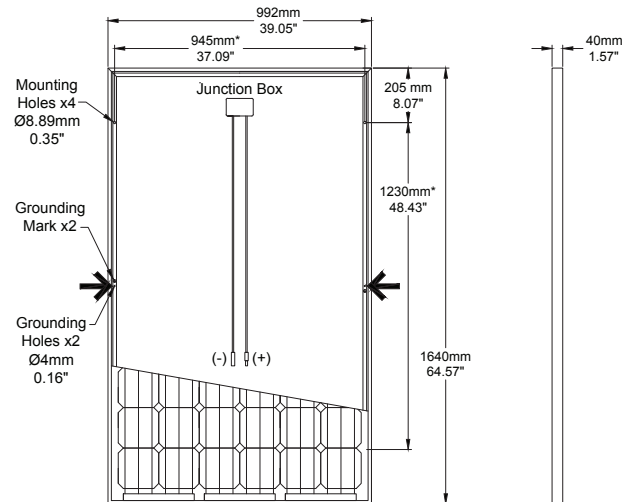


Mechanical Characteristics

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 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



CertainTeed Corporation

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE • GYPSUM • CEILINGS • INSULATION

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