CertainTeed Solar

CT-SERIES 72-cell SOLAR MODULES

Monocrystalline:

CT350Mxx-01
CT355Mxx-01
CT360Mxx-01

Polycrystalline:

CT320Pxx-01
CT325Pxx-01

See reverse for product specifications

Features & Benefits:

High Quality/ High Power

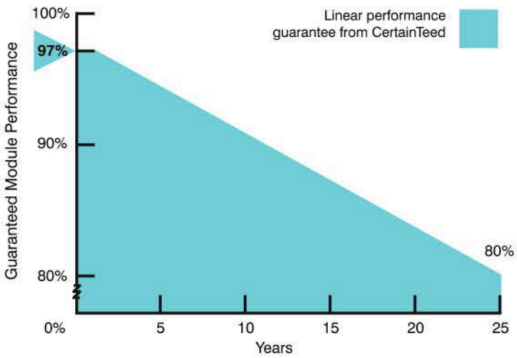
- Up to 360W
- UL listed (UL 1703)
- Output power tolerance +3/-0%
- PID Free

Limited Warranty*

- 25-year linear power output warranty

*See CertainTeed's limited warranty for details

Power Output Warranty



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CertainTeed SAINT-GOBAIN

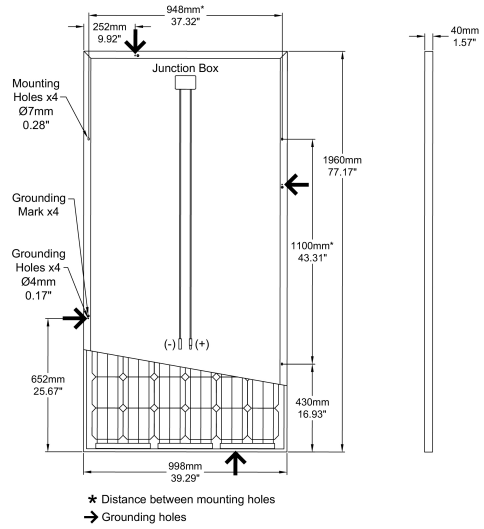
Electrical Characteristics

		Monocrystalline			Polycrystalline	
		350W	355W	360W	320W	325W
Nominal Output (Pmpp)	W	350	355	360	320	325
Voltage at Pmax (Vmpp)	V	38.7	38.9	39.1	36.4	36.6
Current at Pmax (Impp)	A	9.0	9.1	9.2	8.8	8.8
Open Circuit Current (Voc)	V	47.1	47.3	47.4	45.7	45.9
Short Circuit Current (Isc)	A	9.6	9.7	9.8	9.0	9.1
Output Tolerance	%	<<———————— 0/+3% ————————>>				
Maximum Series Fuse		20A	20A	20A	15A	15A
No. of Cells & Connections		<<——— 72 in series with 3 bypass diodes ———>>				
Cell Type		<<——— 6” Monocrystalline ———>>			<< 6” Polycrystalline >>	
Module Efficiency	%	17.9	18.1	18.4	16.4	16.6
Temperature Coefficient of Pmpp	%/C	<<———— -0.40 ————>>			<<——— -0.41 ———>>	
Temperature Coefficient of Voc	%/C	<<———— -0.29 ————>>			<<——— -0.32 ———>>	
Temperature Coefficient of Isc	%/C	<<———— 0.039 ————>>			<<——— 0.039 ———>>	

Mechanical Characteristics

Laminate	*Glass:* 3.2mm high transmission tempered, anti-reflective *Encapsulant:* EVA *Backsheet:* Weatherproof film (white)
Frame	Anodized aluminum (Black or Silver)
Junction Box	IP67, IEC certified, UL listed
Output Cables	4mm² (12AWG) cables 1.2m (47.2”) length
Connectors	Polarized MC4 compatible Weatherproof, IEC certified, UL listed
Weight	22.9 kg (50.5 lbs)

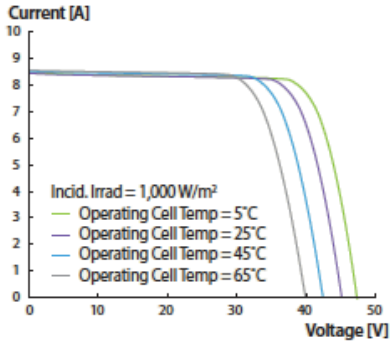
Module Diagrams



Operating Characteristics

Nominal Operating Cell Temperature (NOCT)	46° C + 2
Operating Temperature	-40 to 85° C
Maximum System Voltage	1000v
Fire Performance	Type 1
Maximum Wind Load	40 lbs/ft²

I-V Curves



SAINT-GOBAIN

CertainTeed Corporation

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

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