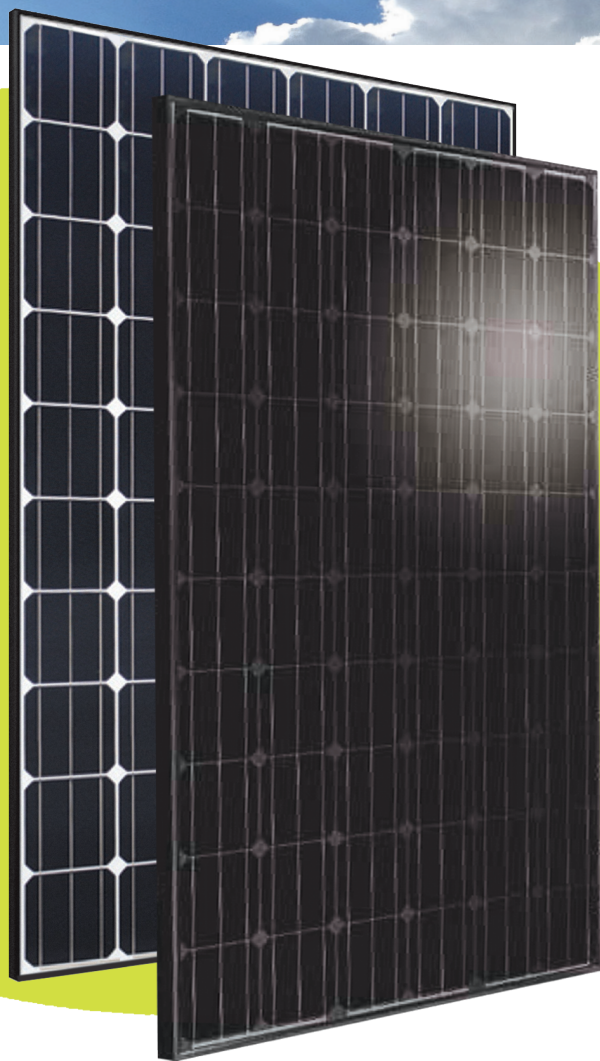


solstice[®]

US Series Solar Module

CT290M11-02 • CT295M10-02



using foreign and domestic components

FEATURES AND BENEFITS:

High Quality

- UL listed (UL1703), Fire Performance Type 2
- Output power tolerance $+3/-0\%$
- Advanced Mechanical Test (3,600 Pa) Passed

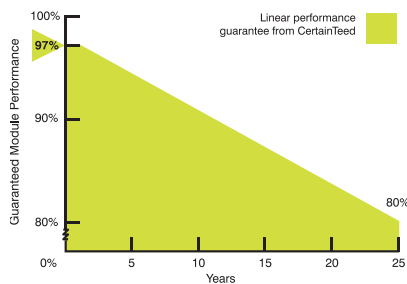
Simple Installation

- Delivered ready for connection
- UL certified and weatherproof connectors
- Integrated bypass diodes

Robust Warranty

- 10-year product warranty
- 25-year linear power output warranty
- 15-year installation warranty available*
(*When installed as part of the Solstice System by a Credentialed Solar Installer)

Power Output Warranty



CertainTeed
SAINT-GOBAIN

solstice[®] US Series Solar Module

CT290M11-02 • CT295M10-02

ELECTRICAL CHARACTERISTICS

Nominal output (P _{mpp})	W	290W	295W
Voltage at P _{max} (V _{mpp})	V	32.00	32.24
Current at P _{max} (I _{mpp})	A	9.06	9.15
Open circuit voltage (V _{oc})	V	39.77	40.11
Short circuit current (I _{sc})	A	9.62	9.77
Module efficiency	%	17.8	18.1
Output tolerance	%	0/+3%	
No. of cells & connections	pcs	60 in series	
Cell type		60 Mono-Crystalline Solar Cells	
Temperature coefficient of P _{mpp}	%/K	-0.41%/K	
Temperature coefficient of V _{oc}	%/K	-0.33%/K	
Temperature coefficient of I _{sc}	%/K	0.04%/K	

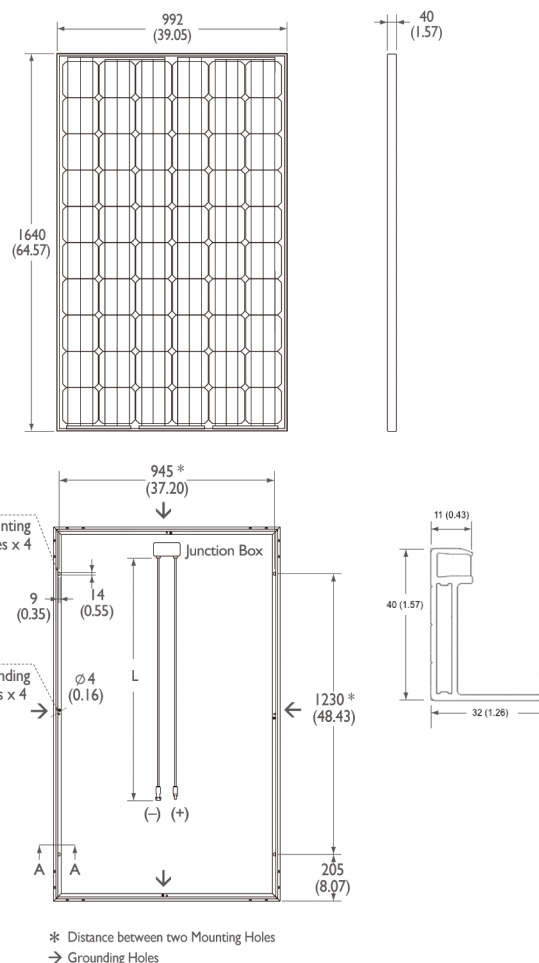
MECHANICAL CHARACTERISTICS

Dimensions	992 mm (39.05") (W) x 1,640 mm (64.57") (L) x 40 mm (1.57") (H)
Weight	20.0 kg (44.09 lbs)
Front Glass	High transparent solar glass (tempered), 3.2 mm (0.13 in)
Cells	60 mono-crystalline solar cells
Back Sheet	Composite film
Frame	Anodized aluminum frame
Junction box	IP67, rated with 3 bypass diodes
Connector Type and Cables	PV4 Compatible: 1 x 4 mm ² (0.04 x 0.16 in ²) Length: each 1.0 m (39.37")

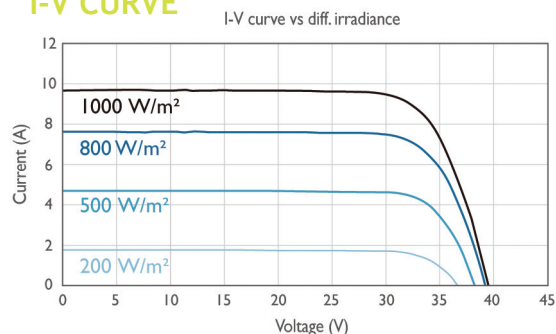
OPERATING CONDITIONS

Normal Operating Cell Temperature	50 °C
Operating Temperature	-40 ~ + 85 °C
Ambient Temperature Range	-40 ~ + 45 °C
Maximum System Voltage UL	1,000 V
Serial Fuse Rating	15 A
Maximum Surface Load Capacity	3600 Pa

MODULE DIAGRAMS



I-V CURVE



Current/voltage characteristics with dependence on irradiance and module temperature.

ASK ABOUT ALL OF OUR OTHER CERTAINTEED[®] PRODUCTS AND SYSTEMS:

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

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Code No. PV-01-006