

Solstice[®] Panel

HALF-CELL 400W SOLAR MODULE

High performance, half-cell mono-crystalline 10BB 400W all-black modules produced using state of the art automated production lines and made using the highest quality materials and quality control standards.

HALF-CELL MONOCRYSTALLINE TYPE

- CTM10400HC11-06

FEATURES AND BENEFITS

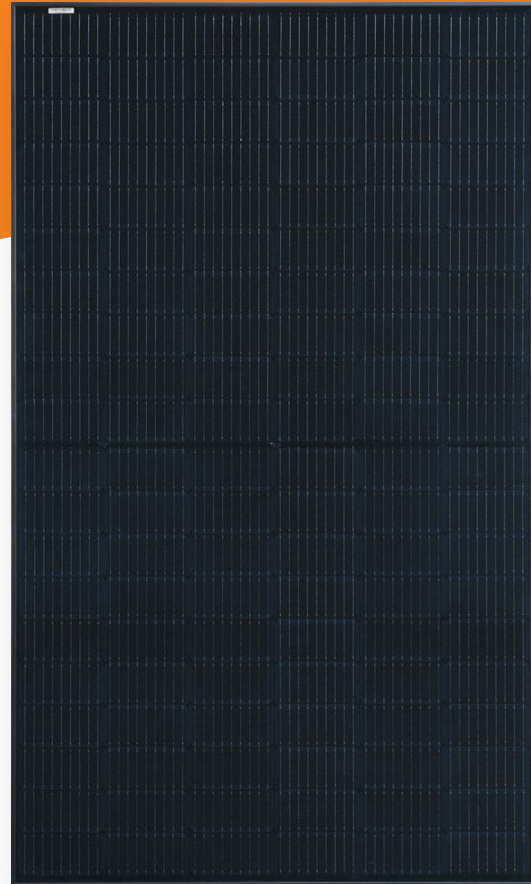
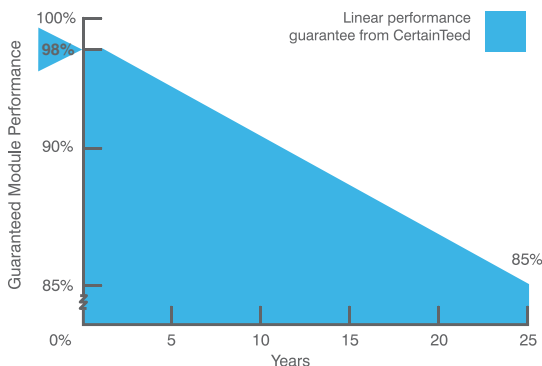
High Quality / High Power

- 400W with black backsheet
- UL listed (61730-1, UL 61730-2)
- Positive power output tolerance

Limited Warranty*

- 25-year linear power output warranty
- *See CertainTeed's limited warranty for details

POWER OUTPUT WARRANTY



OPERATING CONDITIONS

| | |
|------------------------------------|-----------------------------------|
| Dimensions | 1722 x 1134 x 35 mm |
| Nominal Operating Cell Temperature | 45 +/- 2° C |
| Operating Temperature | -40 to 85° C |
| Maximum System Voltage | 1,500V |
| Fire Performance | Class C / Type 1 |
| Maximum Wind Load | 112 lbs/ft ² (5400 Pa) |
| Maximum Snow Load | 112 lbs/ft ² (5400 Pa) |

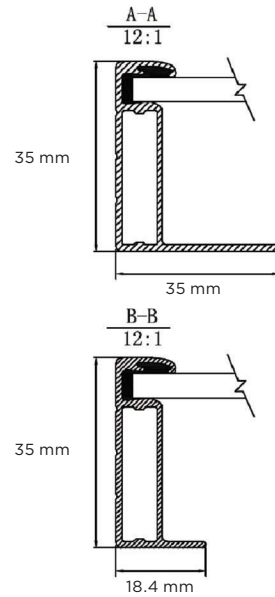
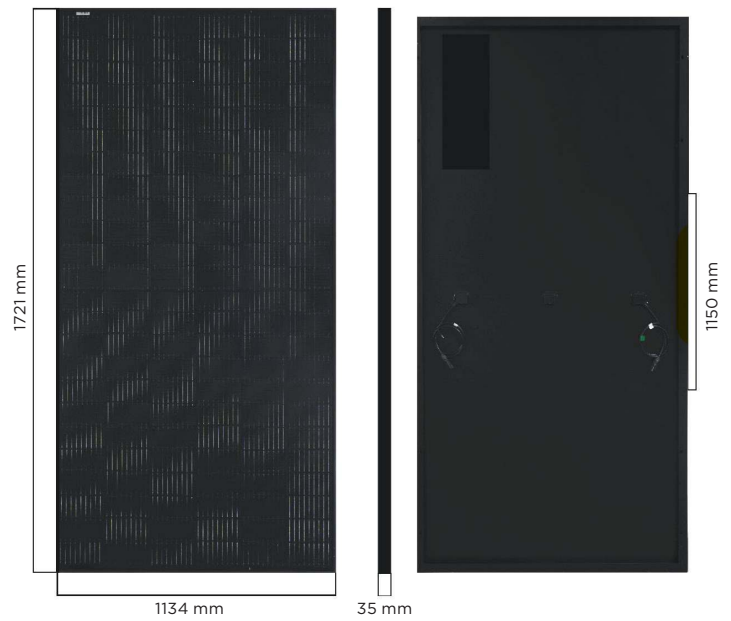
ELECTRICAL CHARACTERISTICS

| | | |
|---------------------------------|-----|-------------------------------------|
| Nominal Output (Pmpp) | W | 400 |
| Voltage at Pmax (Vmpp) | V | 31.01 |
| Current at Pmax (Impp) | A | 12.90 |
| Open Circuit Voltage (Voc) | V | 37.04 |
| Short Circuit Current (Isc) | A | 13.79 |
| Output Tolerance | W | -0 / + 5 |
| No. of Cells & Connections | | 108 half-cells with 3 bypass diodes |
| Maximum Series Fuse Rating | | 25A |
| Cell Type | | Monocrystalline |
| Module Efficiency | % | 20.5 |
| Temperature Coefficient of Pmpp | %/C | -0.35 |
| Temperature Coefficient of Voc | %/C | -0.27 |
| Temperature Coefficient of Isc | %/C | +0.05 |

MECHANICAL CHARACTERISTICS

| | |
|---------------|--|
| Glass | Glass: 3.2 high transmission, tempered |
| Frame | Anodized aluminum (Black) |
| Junction Box | IP68 |
| Output Cables | 4 mm ² (12AWG) PV Wire, Length 1.2m (47.2") |
| Connectors | Polarized MC compatible |
| Weight | 48.5 lbs (22 kg) |

DIMENSIONS



CertainTeed

CEILINGS • DECKING • FENCE • GYPSUM • INSULATION • RAILING • ROOFING • SIDING • TRIM
 20 Moores Road, Malvern, PA 19355 Professional: 800-233-8990 Consumer: 800-782-8777 certainteeted.com

©03/31/23 CertainTeed, Printed in the USA, Code No. 02-11-1372-CA-EN