

UNCONQUERED SUN SOLAR TECHNOLOGIES

About Us

Unconquered Sun Solar Technologies is a Windsor Ontario based manufacturer of premium high efficiency, lightweight photovoltaic panels, engineered with the rugged North American climate in mind. With a focus on quality, service and performance, Unconquered Sun provides the solar industry with a superior Ontario made PV alternative. All of our panels are individually tested to ensure the unparalleled efficiency of each module.

Call Us! 519 735 1818

The Windsor 250



The first high efficiency lightweight 250 Watt PV module manufactured in Ontario.

The Windsor Series™ panel has been produced to satisfy the domestic content requirements outlined by the Ontario Power Authority for the FIT and microFIT programs. The 'Windsor' is a 250 Watt panel built by a local workforce who deliver a product unsurpassed in performance and quality.



Unconquered Sun
Solar Technologies Inc.
www.unconqueredsun.com

11600 County Rd 42
Tecumseh On
N8N 2M1



The Windsor 250

Specifications:

Design and specifications are subject to change without notice.

Electrical Characteristics:

Maximum Power (P_{max}) 250 W

Tolerance of P_{max} + 5%

Type of Cell = Polycrystalline silicon

Cell Configuration 60 in series

Open Circuit Voltage (V_{oc}) 37.2 V

Maximum Power Voltage (V_{pm}) 30.1 V

Short Circuit Current (I_{sc}) 8.87 A

Maximum Power Current (I_{pm}) 8.30 A

Module Efficiency (%) 16.0%

Maximum System (DC) Voltage 600 V

Series Fuse Rating 15 A

NOCT 45°C

Mechanical Characteristics:

Dimensions (A x B x C below) 38.26" x 64.72" x 1.96" / 972mm x 1644mm x 50mm

Cable Length (G) 43.3" / 1100 mm

Output Interconnect Cable 12 AWG with MC4 Locking Connector

Weight 40.7 lbs / 18.5 kg

Max Load 50 psf (2400 Pascals)

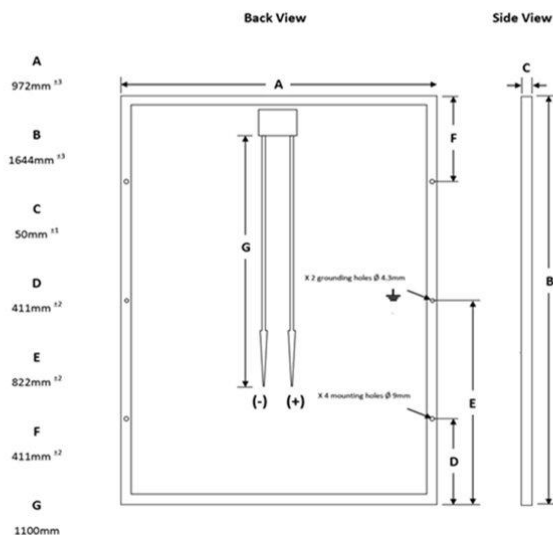
Warranty

25-year warranty on power output, 5 year warranty on workmanship



Unconquered Sun Solar Technologies Inc.
www.unconqueredsun.com

Windsor 250™ Dimensions



cTÜVus, IEC 61215,
ANS 1703, UL 1703, ULC 1703