



Optimized performance

- | High-transmissivity, low-iron tempered glass
- | 13.7% module efficiency

Built for long service life

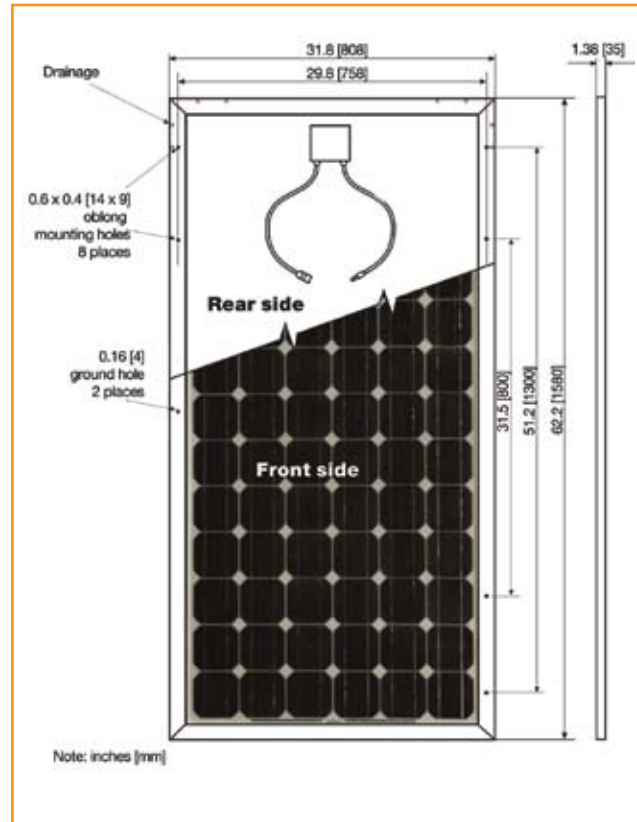
- | Robust, lightweight, clear anodized aluminum frame
- | EVA (ethylene vinyl acetate) encapsulated cells provide high UV resistance and electrical isolation
- | Rigorous optical, mechanical and electrical quality assurance testing ensures high product quality and consistency

Simple installation

- | 8 pre-drilled mounting holes
- | Polarized Multi-Contact MCIII DC-rated connectors

Warranties and certifications

- | 12-year warranty on 90 % of P_{min}^1
- | 25-year warranty on 80 % of P_{min}^1
- | 5 year product warranty¹
- | UL 1703



Electrical specifications

Maximum power rating (P_{max}) at STC ²	175 W
Power tolerance	-2/+3 %
Max power voltage (V_{mp})	35.2 V
Max power current (I_{mp})	4.95 A
Open circuit voltage (V_{oc})	44.2 V
Short circuit current (I_{sc})	5.2 A
Temperature coefficient of P_{max}	-0.48 %/°C
Temperature coefficient of V_{oc}	-0.34 %/°C
Temperature coefficient of I_{sc}	0.017 %/°C
NOCT ³	48°C±2°C
Maximum system voltage	600 V
Maximum series fuse	15 A

Cell specifications

Cells	monocrystalline
Number of cells	72
Cell dimensions	125 x 125 mm

Module dimensions

Dimensions (L x W x H)	62.2 x 31.8 x 1.38 inch (1580 x 808 x 35 mm)
Weight	34.2 lbs (15.5 kg)
Weight (Wind) Bearing Potential	50 lbs/ft ²
Hailstone Impact Resistance	1" @ 50 mph

Available from:

¹ According to current Conergy warranty conditions

² Standard Test Conditions: irradiance 1,000 W/m², air mass AM 1.5 (ASTM E892), cell temperature 25 °C

³ Nominal Operating Cell Temperature (NOCT), irradiance 800 W/m², ambient temperature 20°C, wind speed 1 m/s