

CEDAR LINE™ PHOTOVOLTAIC MODULES

Producing our own wafers, cells and modules assures that the highest quality components go into every one of our panels. And since they are made with String Ribbon™ technology, our panels take advantage of one of the newest, fastest-growing, most environmentally friendly manufacturing processes available in the world.

Evergreen Solar is a fully integrated, independent company. Solar is our only business. Our commitment to the environment is matched only by our commitment to our customers. If, like us, you want the best in solar, make the pure choice ... Evergreen Solar panels.



Advanced Technology with Promise for the Future

- String Ribbon™ polycrystalline solar cells outperform thin films and achieve comparable performance to bulk crystalline technologies while using half as much silicon.
- The proprietary cell fabrication process is among the most environmentally friendly in the business.

Predictable, Reliable, Long-Term Performance

- Each module is individually tested to ensure field performance meets or exceeds specifications.
- Solar cells are matched to reduce internal losses and the possibility of hot spots.
- Rugged, durable anodized aluminum frame makes for strong, stable mechanical mounting.
- Industry standard EVA (Ethyl Vinyl Acetate) and Tedlar™ construction protects solar cells from mechanical and environmental stress.

Easier, Faster, More Accurate Wiring

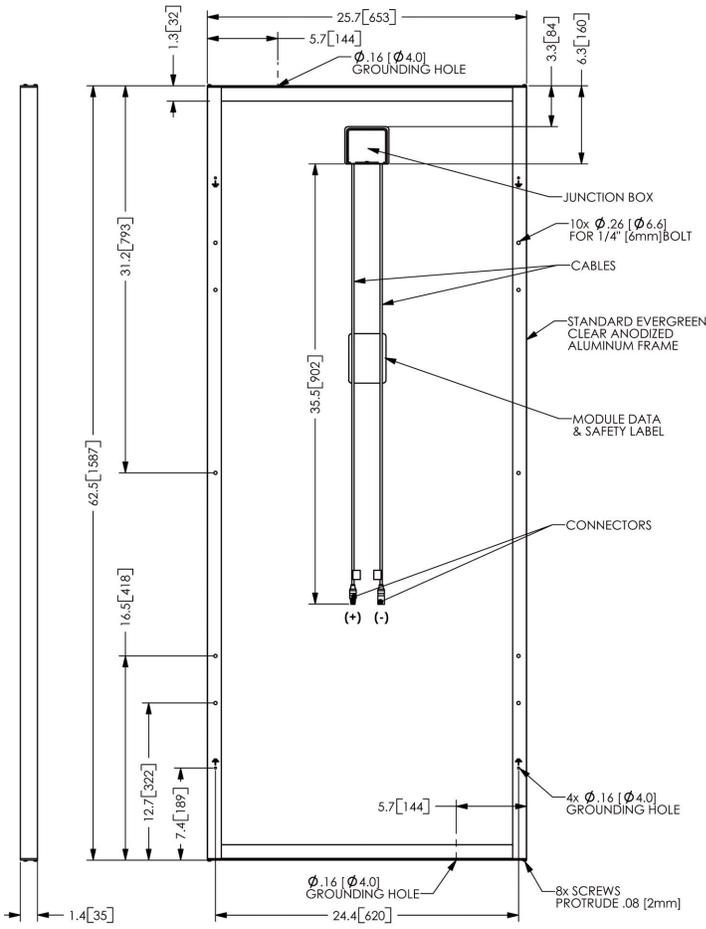
- Sealed junction box never needs maintenance.
- Easy, accurate, reliable electrical connections.
- Comes with factory-installed wires, connectors, and bypass diode.

Predictable, Reliable, Long-Term Performance

- Photovoltaics (PV) provide clean, quiet reliable electricity from sunlight.
- No moving parts to wear out.
- No emissions – power that's good for the environment.
- The sun – a limitless, readily-available power source.

Cedar Line 110/115/120

Designed for maximum performance; safe, reliable, versatile and easy to install.



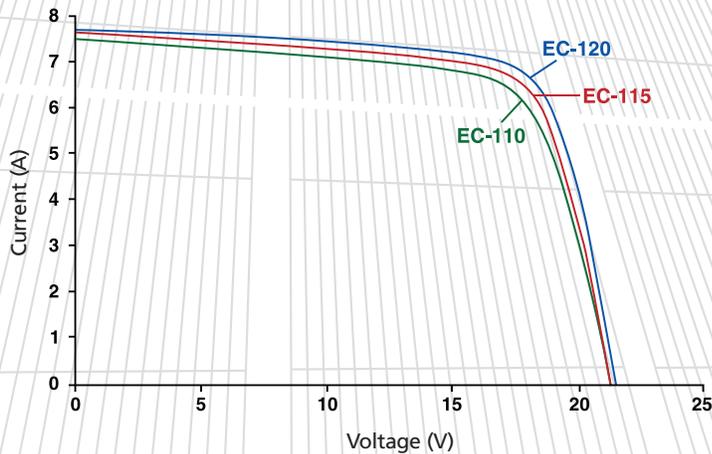
Weight: 28 lb [12.7 kg] Dimensions: inches [mm]

ELECTRICAL SPECIFICATIONS*

	EC-110-GL	EC-115-GL	EC-120-GL
Pp (W)	110	115	120
Vp (V)	17.0	17.1	17.6
Ip (A)	6.47	6.73	6.82
Voc (V)	21.3	21.3	21.5
Isc (A)	7.48	7.62	7.68
Cells	72		
Maximum Series Fuse	15A		
UL Rated System Voltage	600V		
TÜV Rated System Voltage	800V		

*At STC (Standard Test Conditions): 1000 W/m², 25° C cell temperature, AM 1.5 spectrum. Minimum Specified Power Rating is 2% below Pp, other specifications are +/-10%. Specifications subject to change without notice. 25 year limited power warranty. Complete warranty available on request or online at www.evergreensolar.com.

I-V CHARACTERISTICS*



TEMPERATURE EFFECTS

Pp -0.49% / °C Isc 0.09% / °C
 Voc -0.41% / °C NOCT 44°C

SAFETY AND QUALITY TESTS

- IEC 61215 Certified
- LISTED Class C Fire Rating
- TÜV Safety Class II Certified
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