



LIGHTLEAF

# dropLeaf

LIGHT, RIGID, DEPLOYABLE  
SOLAR FOR CAMPERS

Rigid carbon-fiber foundation is self-supporting, forming uncompromising strength at 1/4 of the weight and thickness of standard glass panels.



Quick release anchors for easy deployment



SunPower Maxeon monocrystalline cells maximize power output at 25% efficiency.



Polycarbonate front sheet provides superior UV protection and abrasion resistance.



Canadian Made

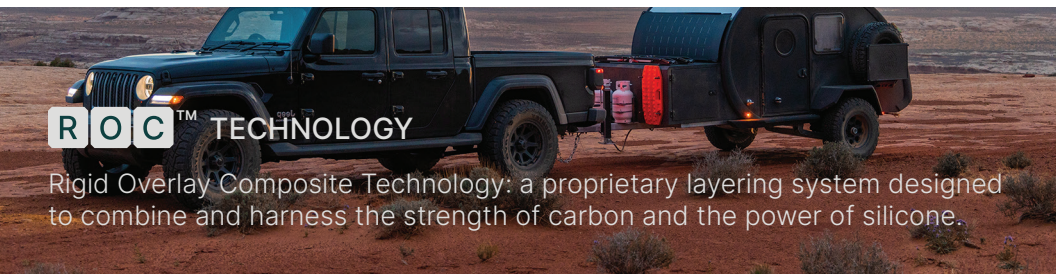


Sleek aesthetics add to any trailer, with matte black cells and carbon weave finish. Tried and tested to harsh weathers and temperatures.



ROC™ TECHNOLOGY

Rigid Overlay Composite Technology: a proprietary layering system designed to combine and harness the strength of carbon and the power of silicone.



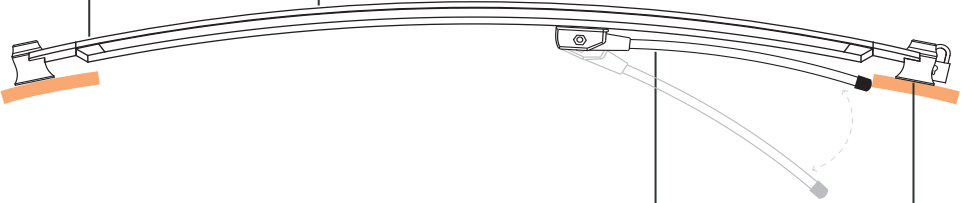
LightLeaf Solar's panels are the best quality panel with the absolute best aesthetic qualities on the market! Our clients love the look and functionality that comes with their panels.

DENISE BENNETT, CO-OWNER OF FANTOM TEARDROPS

Paper-thin profile measures just  $\frac{3}{8}$ " (9mm).



Rigid molded curvature allows for a seamless fit on curved structures and guarantee maximum sun exposure. Discreet junction box sits flush with panel's curve.



Retractable kickstands ensure efficient sun orientation and convenient setup.



Custom hardware securely locks panel for charging on the road and allows for remote deployment at the campground.





The rigid LightLeaf panel is much more user-friendly than the flexible solar panel we used to have—it was a pain to transport and to secure during use.

ROD ORR, TEARDROP TRAILER OWNER

Carbon fiber layering provides unparalleled strength and rigidity.

Durable mounting hardware secures panel to trailer at six anchor points.

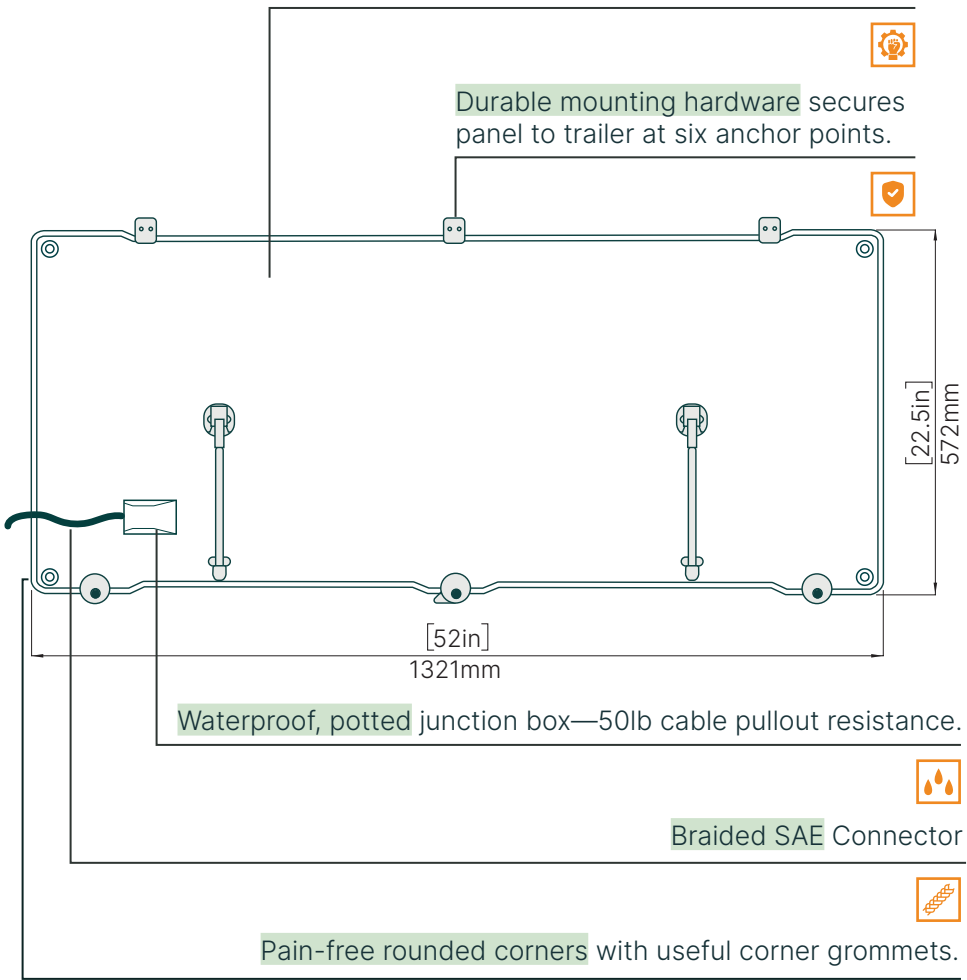


Diagram represents 140W dropLeaf



The dropLeaf is **Canadian made**, built to power your adventure.

Three-year workmanship, five-year power performance warranty included.

**Contact us for inquiries and support.**

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Specification	Data		
Nominal Max Power (Pmax)	110W	140W	160W
Optimal Operation Voltage (Vmp)	20.0V	25.0V	30.1V
Open Circuit Voltage (Voc)	23.5V	29.4V	35.2V
Dimensions	1073mmx572mm (42.2X22.5")	1321mmx572mm (52X22.5")	1073mmx826mm (42.2x32.5")
Weight	2.5kg (5.4lb)	3.2kg (7.1lb)	3.6kg (8.0lb)
Optimal Operation Current (Imp)	5.54A		
Short Circuit Current (Isc)	5.84A		
Cell Type	Sunpower Maxeon GIII Premium ME3 25% Eff.		
Panel Thickness	9mm (3/8")		
Cable	Custom 14 AWG with braided cover		
Connector	SAE 2 pole ⊕ shrouded		
Anchor Hardware	Custom, 6 point anchors		

Electrical data at STC (1000W/m<sup>2</sup>, AM 1.5, 25 DegC)

