

Home Energy Ecosystem Redefined:
Unlimited Backup Supply
and AI-Driven Bill Savings



Unlimited Backup Supply

Industry Top
40kW Solar Input

EcoFlow

- 40kW PV input supported
- Fully utilize rooftop space
- Support up to 8 MPPTs

24kW Whole-Home Power
for Every Appliance

- 24kW continuous output
- 205 LRA load start capability, supports 5-ton HVAC usage
- 10ms power switching

VS

Others

- 20kW solar input
- Support up to 6 MPPTs

- 11.5kW off-grid AC output
- 185 LRA load start capability

13%

Solar-inverter-
battery Efficiency

97.8%

Solar-grid
Efficiency

100%

Faster
Switchover Time

11%

Higher
LRA

Easy to Connect:
Multiple Backup Power Sources



Portable gas generator
via OCEAN Pro Inverter

Or



EcoFlow
Smart
Electrical
Panel

+



EcoFlow
Power
Stations

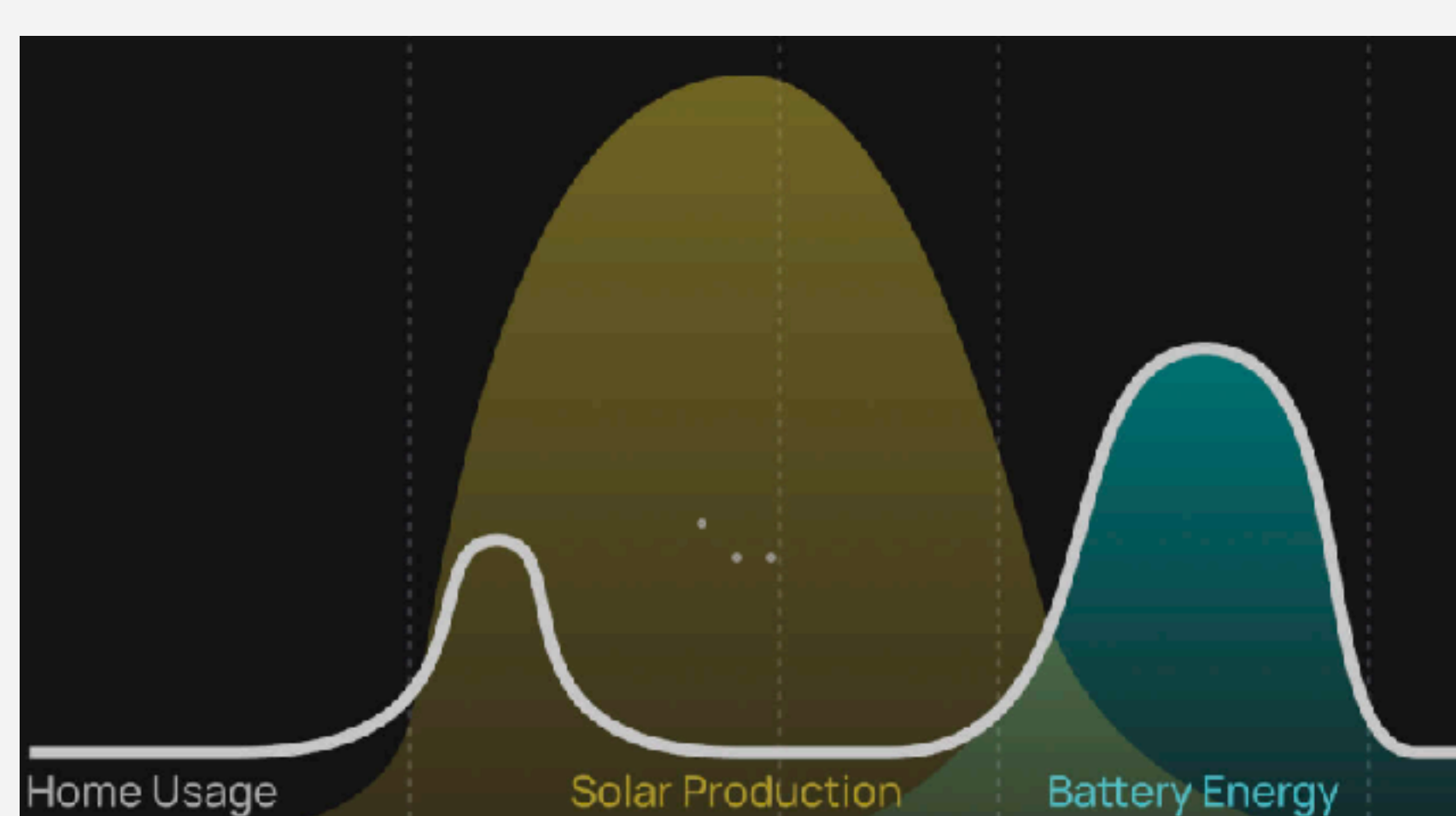


Standby
Generator

AI-Driven Bill Savings

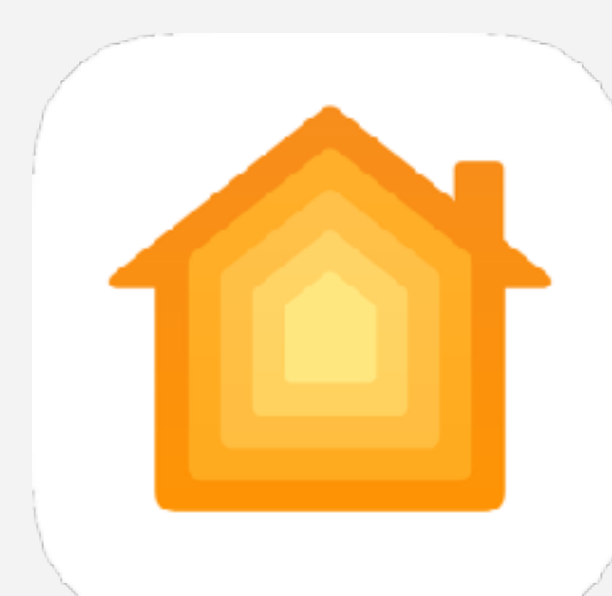
Personalized Bill Savings
Recommendations

- Predictive forecasting, including solar intensity, weather conditions, home energy, and consumption trends
- Time-of-use with automated scheduling

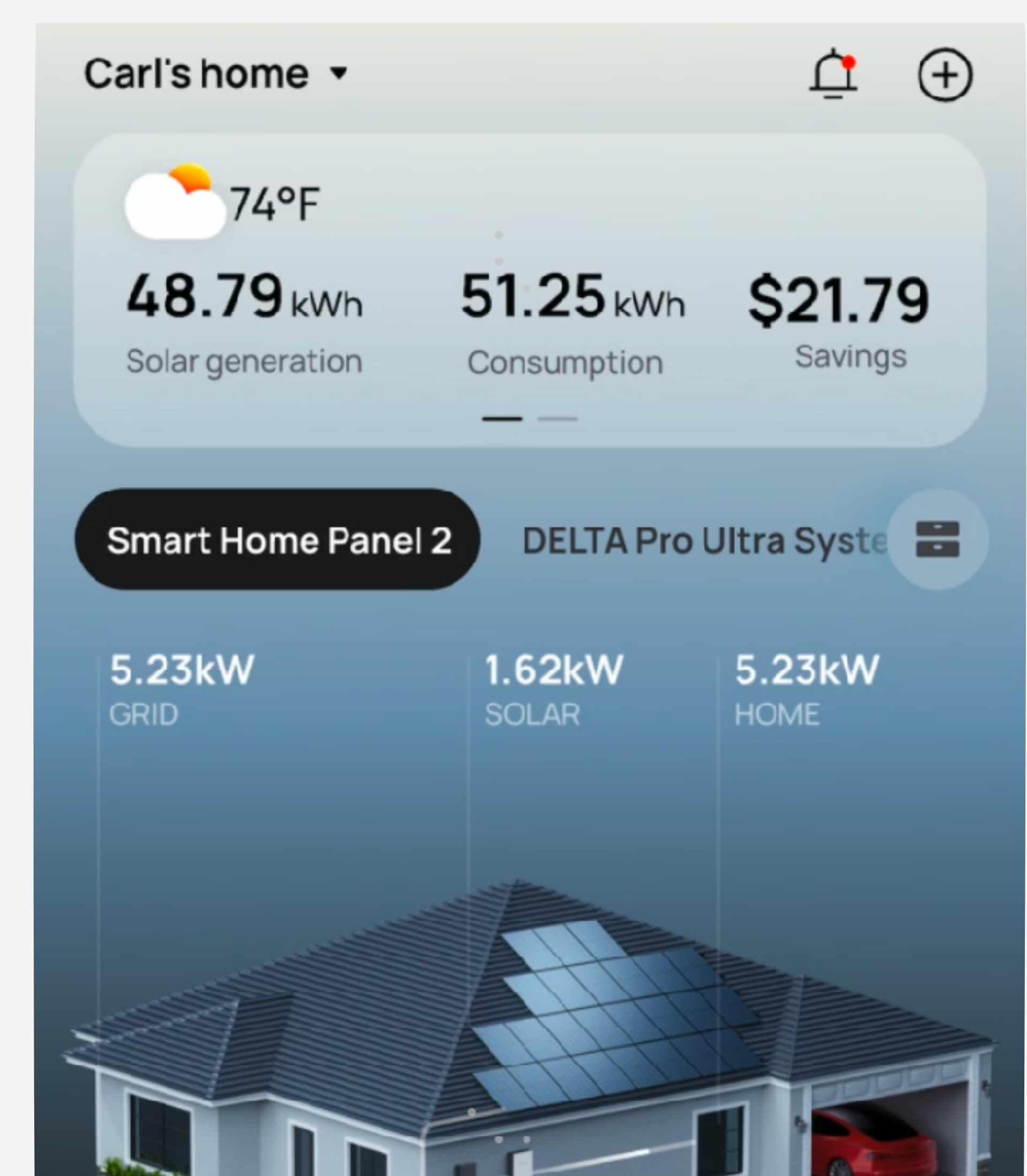


Smart Home Integration with
Device-level Energy Control

- Smart thermostat integration adjusts heating/cooling to lower peak-time costs
- EV charging optimization charges at the most cost-effective times.
- Smart home automation, supporting Apple Home, Google Nest and Amazon Alexa, manages appliances for better energy efficiency.



AI Energy Assistant



Built to Prevent Fire Hazards

Certified to UL9540B, Operates -4°F to 140°F
Setting the Industry Standard for Battery Safety



Cell-level Temperature Monitoring

- Temperature sampling from every cell
- Elastic Connector FPC Sampling triggers automatic fusing to prevent overheating

360° Ceramic Aerogel Insulation

- Uniform heat distribution
- Robust protection across every cell

LFP Battery Chemistry

- Up to 6000 life cycles supported

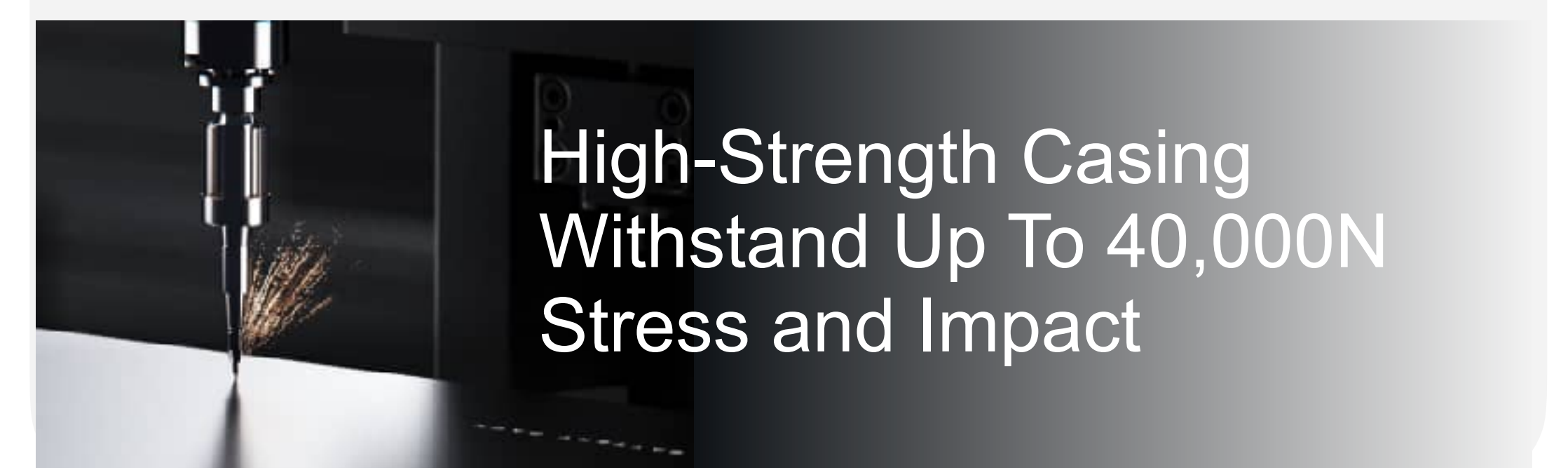
Fire-Preventive Design



Fire Suppression
Module in Each
Battery Pack



Pressure Relief Valve
Prevent battery from
over-expanding



High-Strength Casing
Withstand Up To 40,000N
Stress and Impact

Install House of Any Size in Any Area

Large Rooftop Solar Systems

- 40kW Solar Input
- 8 MPPTs



Flood & Rain Resistant

- IP67 Rated
- Withstands 2.6 Feet of Water



The Toughest Grids

- Ensure Stable Power with 290V Grid Compatibility



Chassis Options for Any Interior

Aerospace-Grade Aluminum



Luxury Walnut Wood



Performance-Grade Carbon Fiber



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Email solutionsales.na@ecoflow.com to Schedule a Call Now!