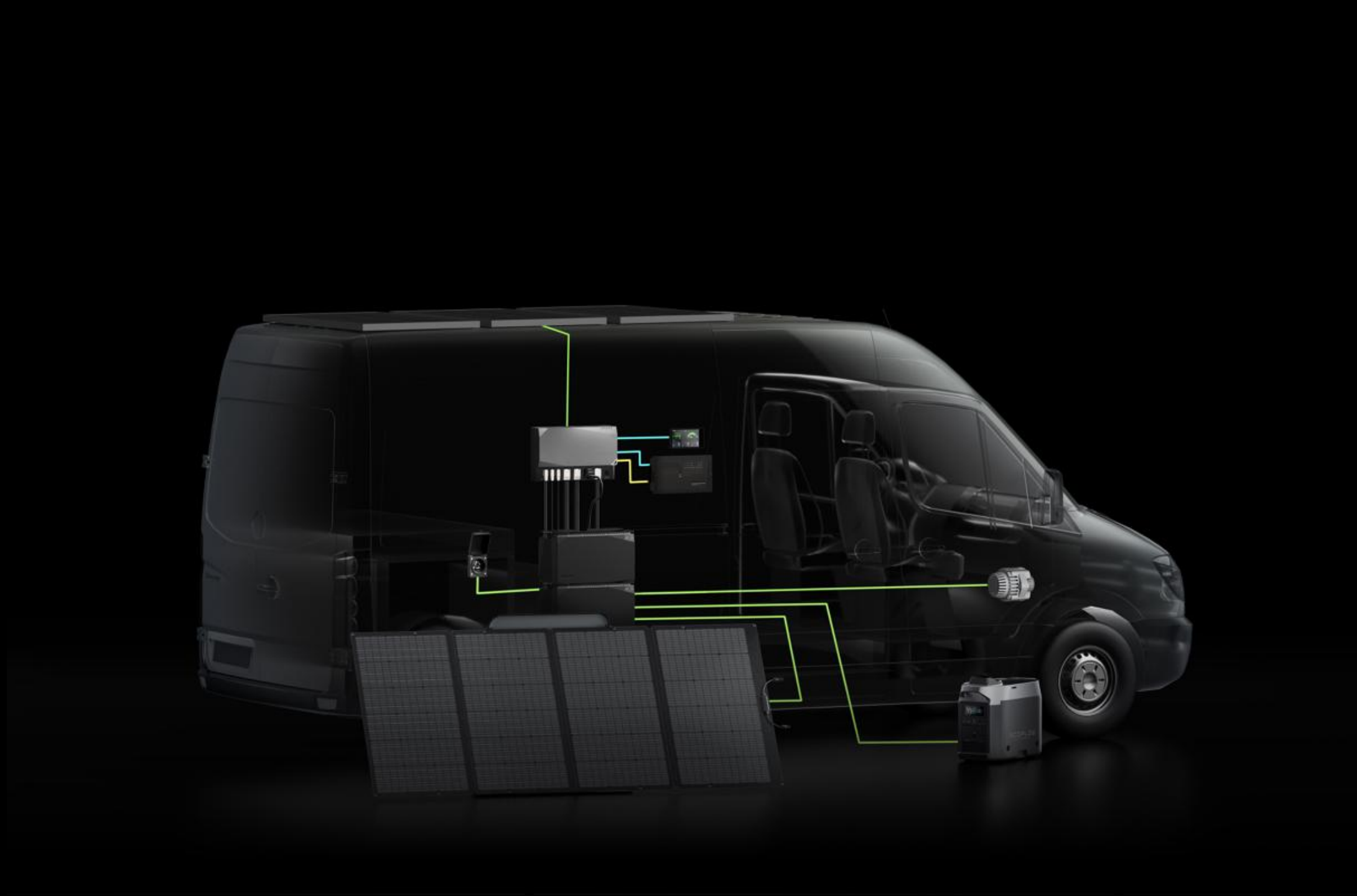
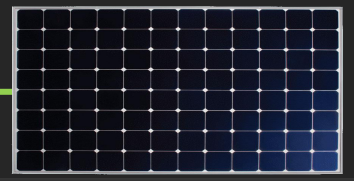
EcoFlow Power Kits

Advanced Modular Power System



- RV Setup -

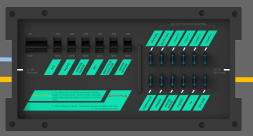
Storage
Charge
Load
Remote Control
Wired Control



EF 100W Rigid / Flexible Solar Panel

EF App Control

EF Power Kit Console



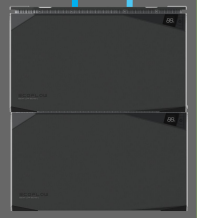
EF AC/DC Smart Distribution Panel

AC Load

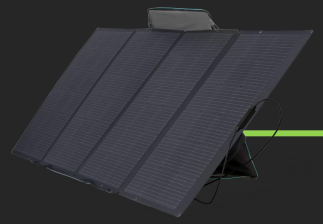
DC Load

Power Strip

Alternator



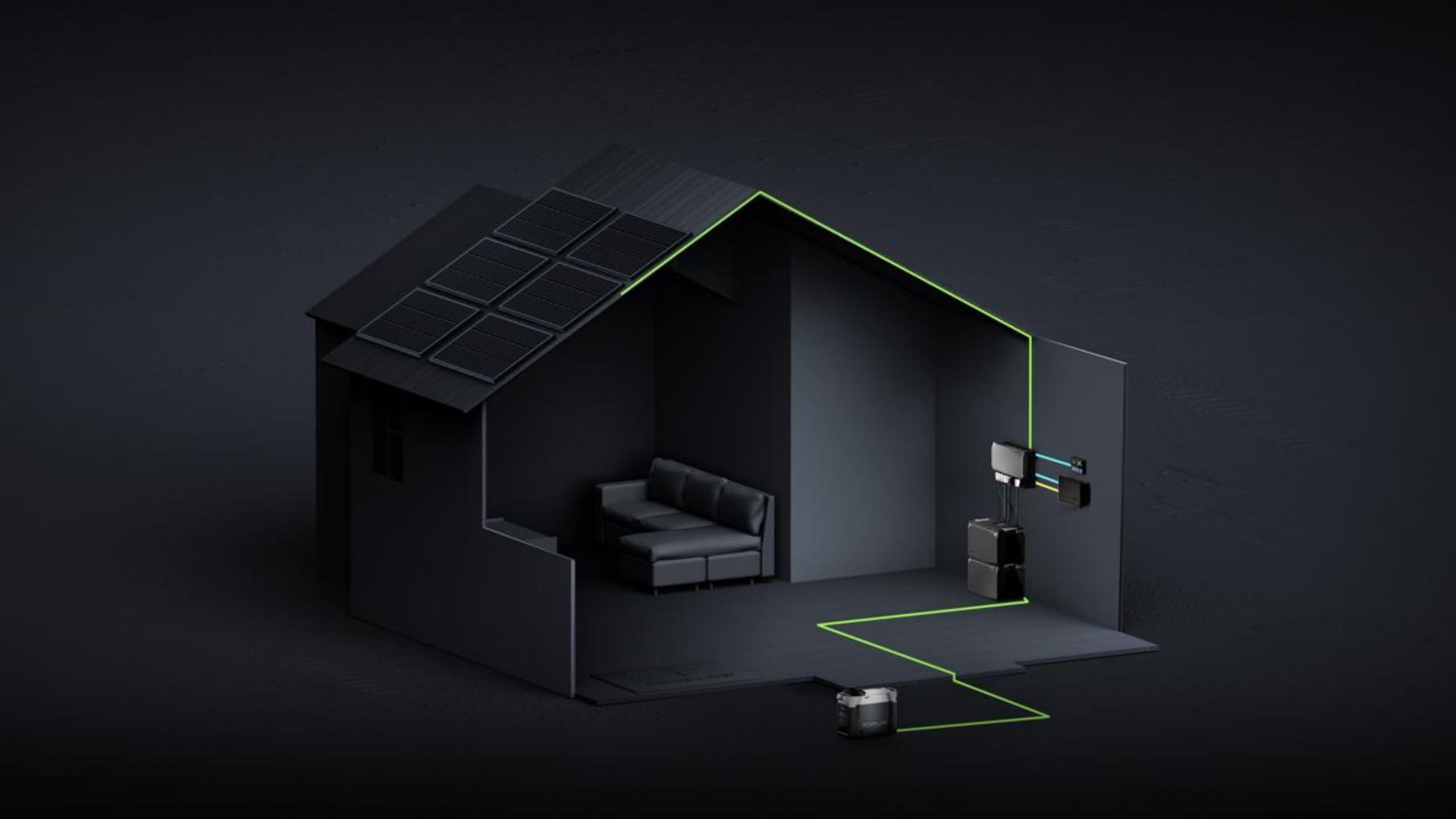
EF LFP Battery



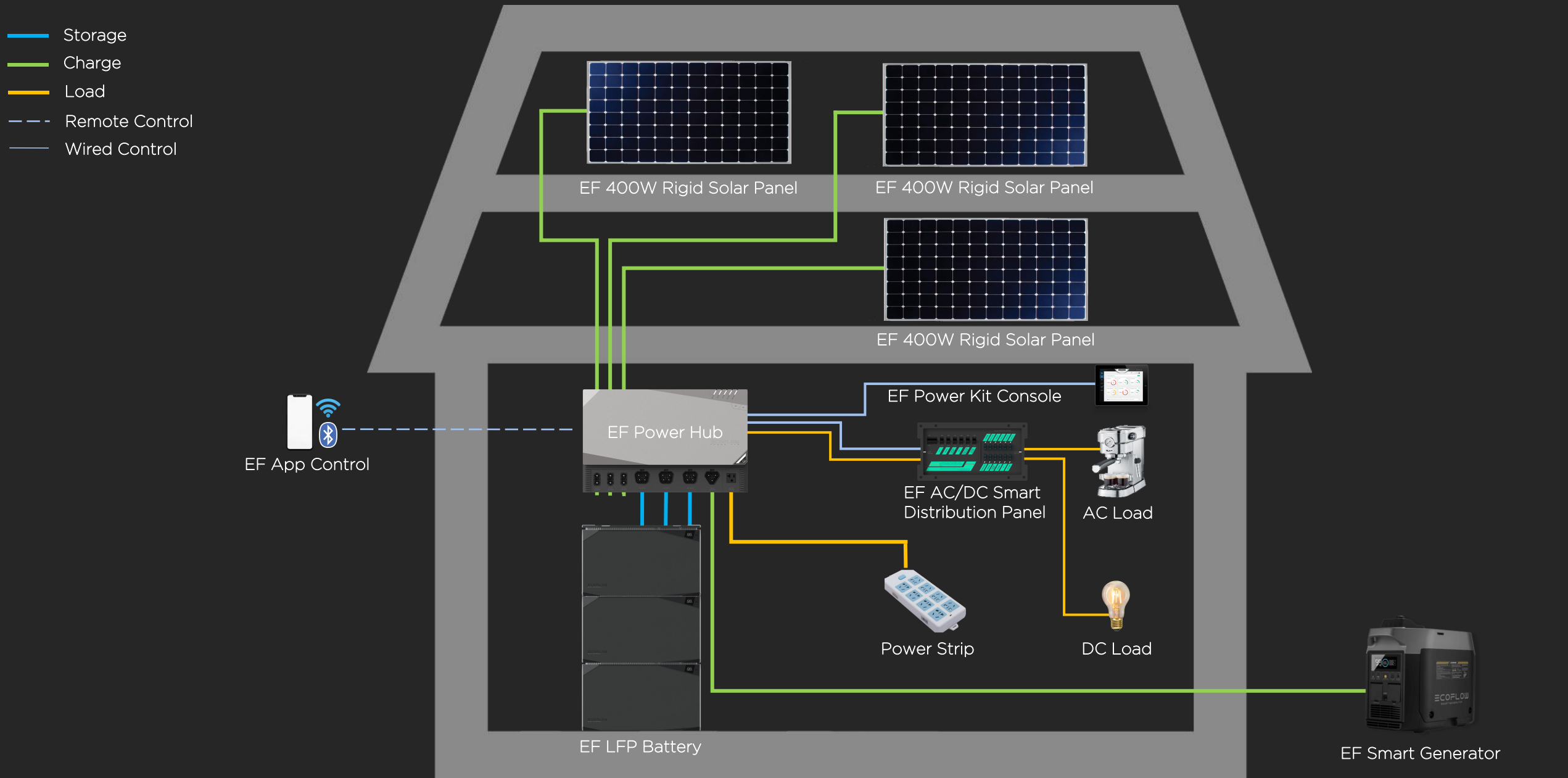
EF 400W Portable Solar Panel

EF Smart Generator

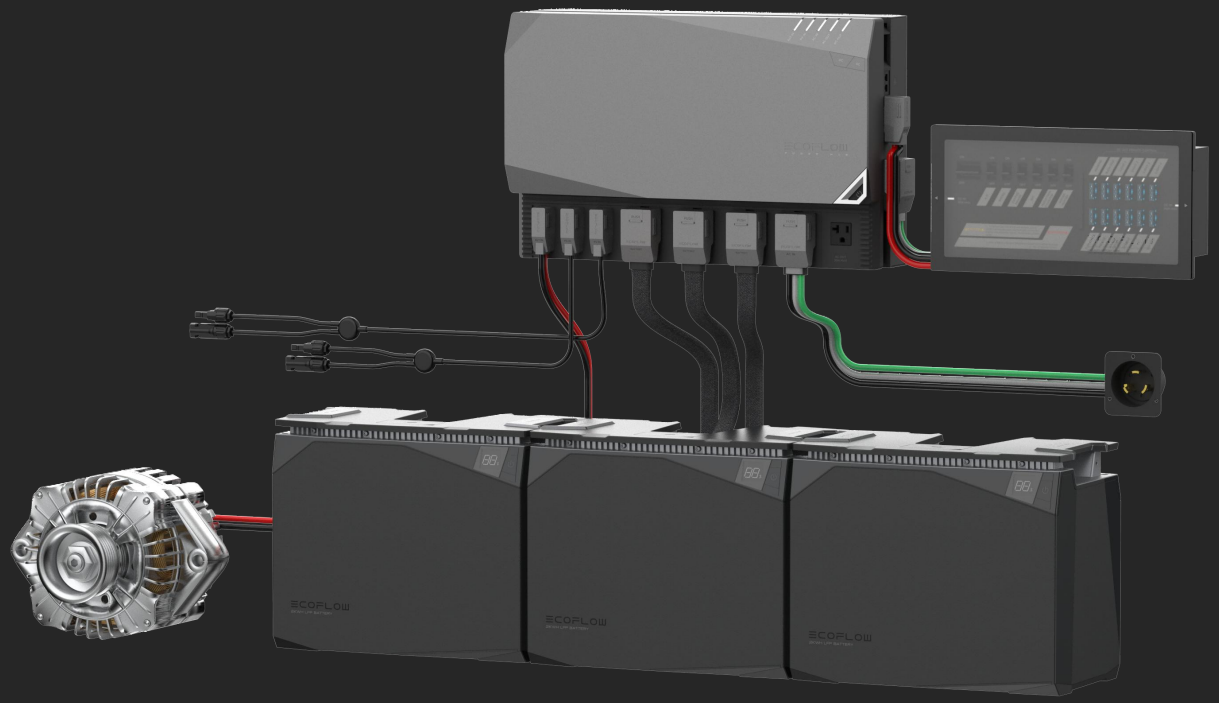
Shore Power



- Off-grid Build Setup -



- Key Advantages -



① Plug & Play

② Fast & Multiple Charging

③ Advanced 48V System

④ Integration & Compact

⑤ Expandable

⑥ Monitor & Control

- Plug & Play -

Once set up, you can plug & play with EcoFlow LFP batteries, solar panels, and tons of add-ons to match your exact needs, all the while having far fewer components and wiring.

- Hassle Free DIY
- Instant Deploy & Use
- Less Wiring Effort
- Solid Connection
- Avoid Wiring Mistake
- Save Time & Knowledge

- Fast & Multiple Charging -

Multiple charging methods for rapid charging of up to 15kWh of stored energy, Get up to 3000W of solar input, use your alternator or wind turbine, plug in shore power, or even use an EcoFlow Smart Generator for emergency charging.

- Always In Charge
- No More Power Anxiety
- Multiple Power Choices
- Renewable Energy First
- Up To 7800W Combined Charging

- Advanced 48V System -

The 48V design of Power Kits system means less heat and loss compared to traditional 12V systems. With a built-in BMS, the LFP batteries are protected from over-voltage and high current, all while balancing multiple battery cells in unison, translating into a safer build.

- Faster Charging
- Higher Efficiency
- More Battery Capacity
- Thinner Wire, Less Cost
- Less Current, Less Heat

- Integration & Compact -

The Power Hub combines two MPPT solar charge controllers, one battery charger with MPPT, one DC-DC step-down converter, and an inverter-charger. That's far less components and wiring required.

- All In One
- Minimal Design
- Easy Operation
- Simple Connection
- Organized & Clean
- Done Cable Management
- Powerful Charge & Discharge

- Expandable -

The Power Hub connects up to 3 LFP batteries in parallel, ranging from 2kWh to 15kWh of stored energy. Choose your power combination at will and increase capacity with ease.

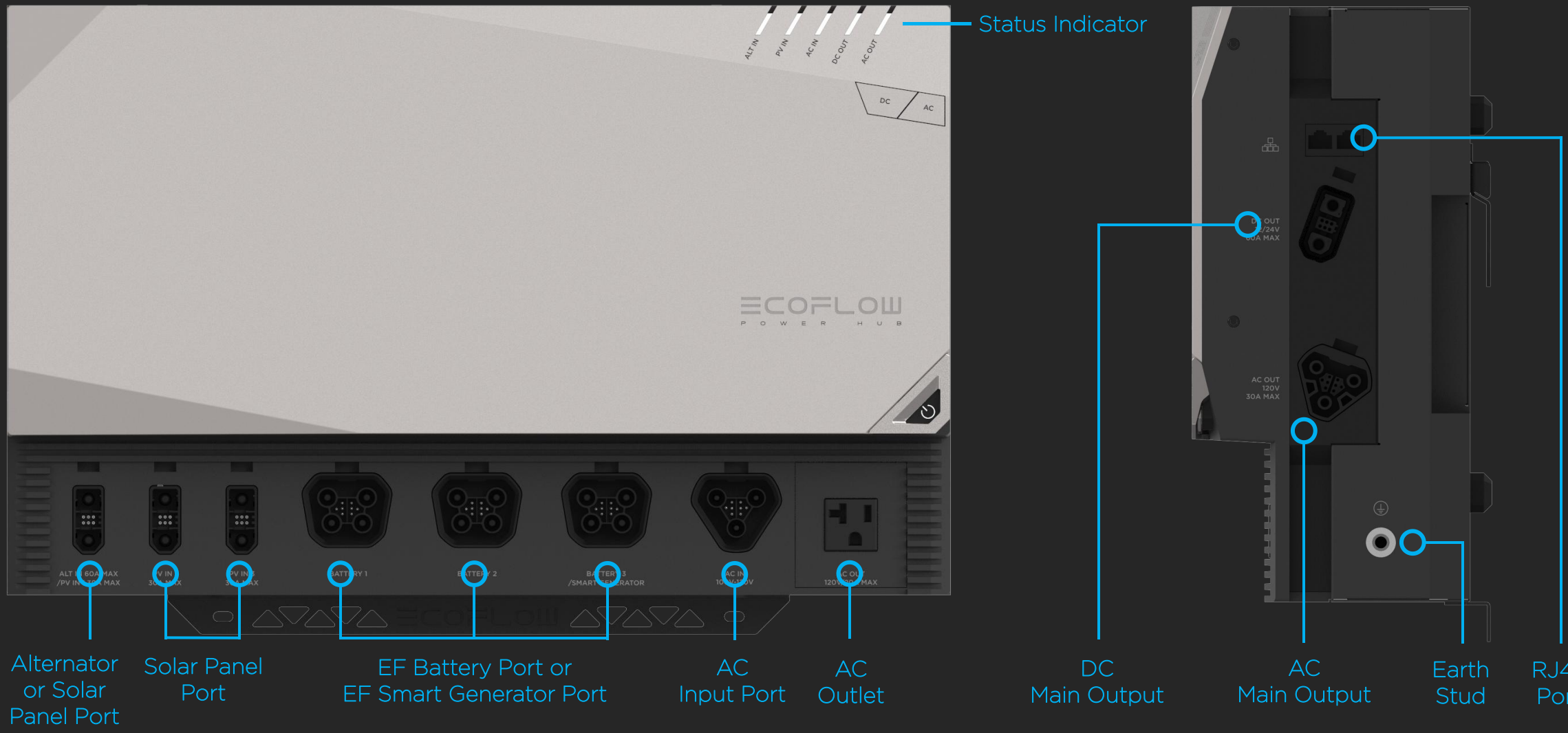
- 2kWh - 1 X 2kWh LFP Battery
- 4kWh - 2 X 2kWh LFP Battery
- 5kWh - 1 X 5kWh LFP Battery
- 6kWh - 3 X 2kWh LFP Battery
- 10kWh - 2 X 5kWh LFP Battery
- 15kWh - 3 X 5kWh LFP Battery

- Monitor & Control -

Use the EcoFlow Power Kit Console to have a complete overview of your power consumption, or have wireless control of your system from a distance with the EcoFlow App.

- Intuitive Interface
- Mastery From Afar
- Read Every Load
- Optimize Energy Usage
- Configure Entire System
- Review Consumption History
- Track Your Carbon Footprint

- Power Hub Overview -

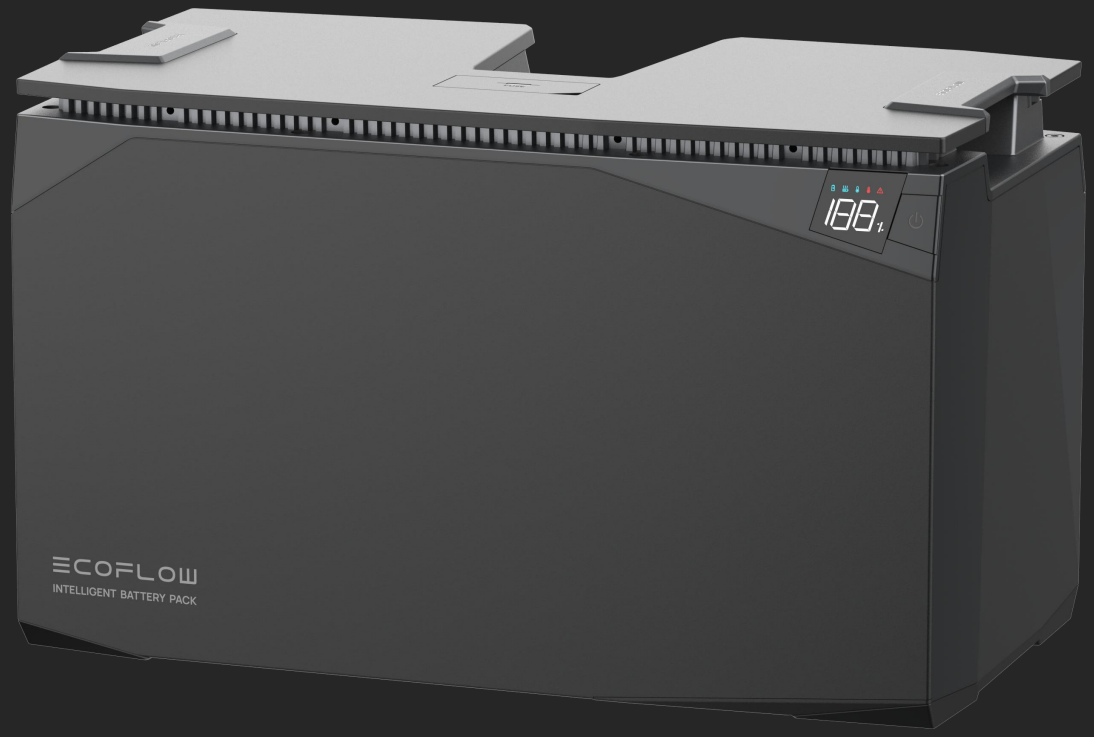


- Power Hub -

- Pure Sine Wave
- 70A, 12V, 1000W or 60A, 24V, 1500W DC Main Out
- 30A Max, 120V, 3600W (6000W Surge) AC Main Out (3000W @ Battery Voltage < 50V)
- 20A Max, 120V, 2400W AC Outlet
- 85V~144V, 3000W AC Charger
- 60A, 13V~60V, 1000W Convertible DC-DC Battery Charger with MPPT
- Dual 30A, 15V~150V, 1600W MPPT Solar Charge Controllers, 3200W combined
- Operating Temp. -13°F to 140°F
- 11.8” X 18.9” X 5.5” (H X W X D)
- 31 lbs Net Weight
- CE, UL, FCC Compliance
- EMC Class A

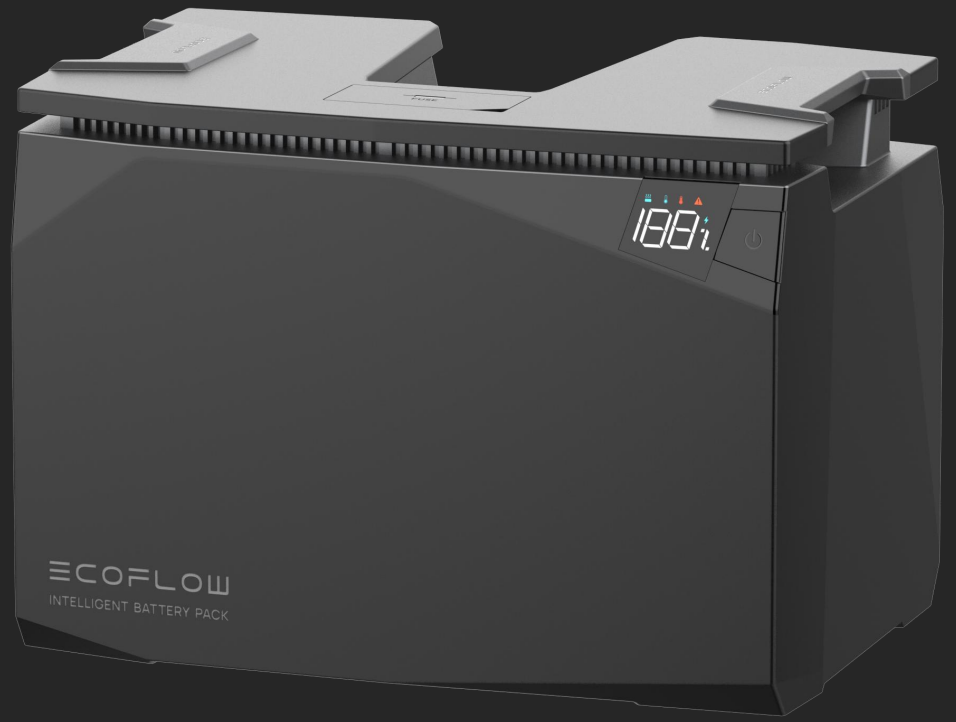
- 5kWh LFP Battery -

- Lithium Iron Phosphate Chemistry
- 51.2V (Nominal), 100Ah
- ~3500 Cycles @ 80% DOD
- Integrated BMS and LCD Indicator
- Auto-Heating for Cold Environments
- Quick Access Fuse Box Mounted
- Advanced Battery Safety Protections
- Charging Temp. -4°F to 125°F
- Discharging Temp. -4°F to 140°F
- 11.8” X 19.7“ X 10.3” (H X W X D)
- 89.5 lbs Net Weight
- CE, UL, FCC, IC, UN38.3, IP54 Compliance
- EMC Class B



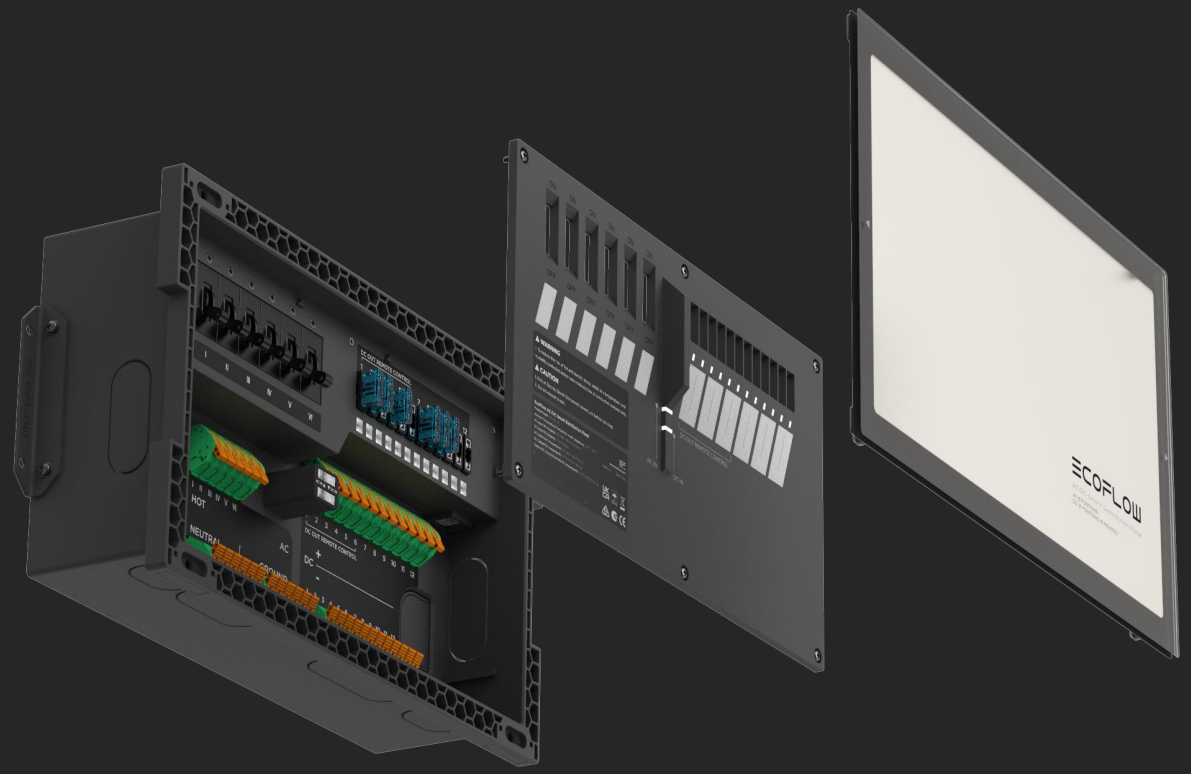
- 2kWh LFP Battery -

- Lithium Iron Phosphate Chemistry
- 51.2V (Nominal), 40Ah
- ~3000 Cycles @ 80% DOD
- Integrated BMS and LCD Indicator
- Auto-Heating for Cold Environments
- Quick Access Fuse Box Mounted
- Advanced Battery Safety Protections
- Charging Temp. -4°F to 125°F
- Discharging Temp. -4°F to 140°F
- 11.2” X 13.7” X 7.8” (H X W X D)
- 37.7 lbs Net Weight
- CE, UL, FCC, IC, UN38.3, IP54 Compliance
- EMC Class B



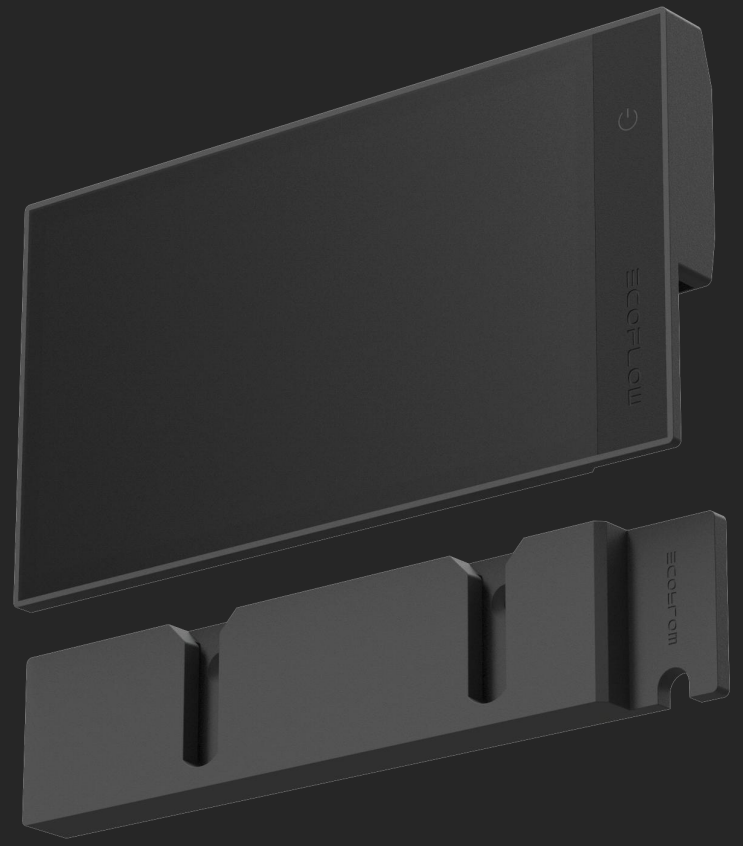
- AC/DC Smart Distribution Panel -

- 30A Max, 120V, 3600W AC Main Input
- 12V, 70A, 1000W Max or 24V, 60A, 1500W Max DC Main Input for 12V or 24V System
- 6 X AC Positions with 20A Circuit Breakers
- 12 X Fused DC Positions (6 X Positions Controllable via Power Kit Console & APP)
- All AC & DC Positions Can be Monitored
- Operating Temp. -13°F to 140°F
- 8.3” X 14” X 3.9” (H X W X D)
- 5.7 lbs Net Weight
- CE, UL, FCC, IP21 Compliance
- EMC Class B



- Power Kit Console -

- 7-Inch (Diagonal) IPS Touch Screen
- RJ45 CAN Communication
- 12 VDC Power Supply
- Quick-Mounting Design
- Industry Leading Responsiveness & Speed
- Intuitive Control of Entire Power System
- Operating Temp. -13°F to 140°F
- 4.5” X 8.1” X 0.9” (H X W X D)
- 1 lb Net Weight
- CE, UL, FCC Compliance
- EMC Class B

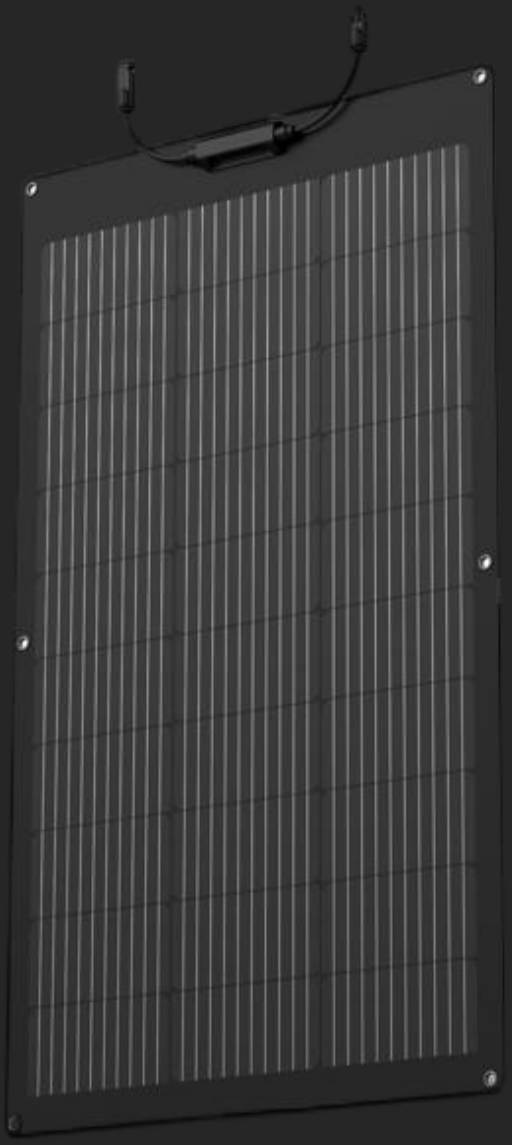


- 100W Rigid Solar Panel -

- M10 Monocrystalline Cell
- Efficiency up to 23%
- 20.3V Open Circuit Voltage
- 5.9A Maximum Operating Current
- Premium MC4 Connector
- Anti-corrosion Aluminum Frame with Glass Surface
- Pre-drilled Holes Ready for Ground & Roof Mounting
- Operating Temp. -4°F to 185°F
- 35.5” X 23.1” X 1.2” (L X W X H)
- 13.7 lbs Net Weight
- CE, FCC, IP68 Compliance

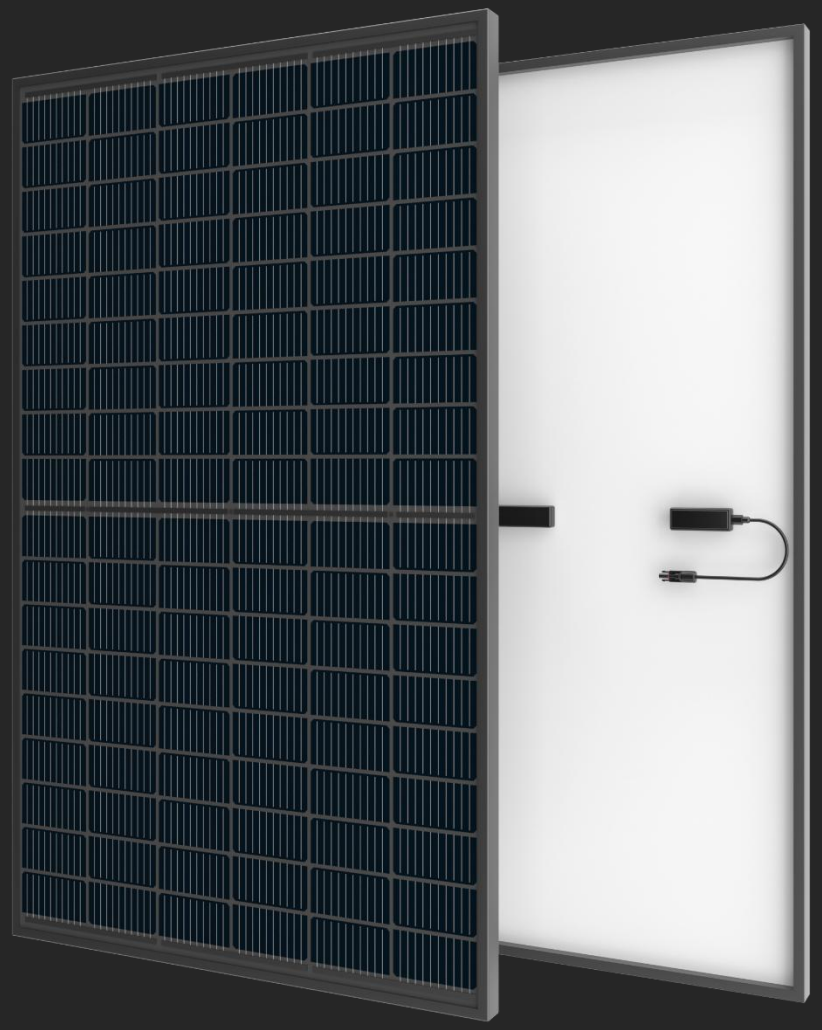
- 100W Flexible Solar Panel -

- M10 Monocrystalline Cell
- Efficiency up to 23%
- 20.3V Open Circuit Voltage
- 5.9A Maximum Operating Current
- Premium MC4 Connector
- Reduced Weight for Vehicles & Boats
- Aluminum Ring Holes for Quick Installation
- Operating Temp. -4°F to 185°F
- 41.6” X 24.1” X 0.98” (L X W X H)
- 5.1 lbs Net Weight
- CE, FCC, IP68 Compliance



- 400W Rigid Solar Panel -

- M10 Monocrystalline Cell
- Efficiency up to 23%
- 37.1V Open Circuit Voltage
- 12.9A Maximum Operating Current
- Premium MC4 Connector
- Extreme Weather Endurance
- Compatible with On-grid and Off-grid Solar Inverters
- Anti-corrosion Aluminum Frame with Glass Surface
- Operating Temp. -40°F to 185°F
- 67.8” X 44.7” X 1.4” (L X W X H)
- 48.1 lbs Net Weight
- TUV, CE, IP68 Compliance



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Power a New World