

Mobile Hybrid Power Trailer

Deployable Off-Grid Field Power Distribution System



Why choose this product?

The Mobile Hybrid Power Trailer delivers reliable off-grid energy wherever it is needed. A 60kWh battery bank, 5.6kW solar array, and 8kW backup generator combine to provide up to 16kW of dependable field power.

⚡ Power Generation

5.6kW Solar Panels

8kW Diesel Generator

Dual Fuel: Diesel / Aviation

⚙️ Optional Systems

4kW Hydrogen Fuel Cell

2kW Wind Turbine

🚚 Mobility

Towable by Land Rover

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Mobile Hybrid Power Trailer

Deployable Off-Grid Field Power Distribution System Specification



⚡ Charging

- Solar Array – 5.6kW
- Backup Generator – 8kW Diesel
- Hydrogen fuel cell – 4kW (optional)

🔌 Output

- DC – 6kW 28V (4 sockets)
- AC – 10kW 240V Single Phase (4 sockets)

🔋 Battery

- Battery Bank – 60kWh
- Battery Type – Lithium Iron Phosphate (LiFePO₄)

Part number – AKHTRAILER01

[Mobile Hybrid Power Trailer Video](#)

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