

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 48kWh battery bank, 6.4kW solar array, and 8kW backup generator combine to provide up to 16kW of dependable field power.

⚡ Power Generation

6.4kW 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

System Specification



⚡ Charging

Solar Array	– 6.4kW
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	– 48kWh
Battery Type	– Lithium Iron Phosphate (LiFePO ₄)

Part number – AKHTRAILER01

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