

TEMPEST Field Power Unit

Portable Rugged Power Solution



Why choose this product?

The TEMPEST Field Power Unit delivers reliable off-grid energy for remote operations. The system combines a 12kW inverter, 12kWh LiFePO₄ battery, and rapidly deployable solar array to provide clean, silent power wherever it is needed.

Key Benefits

Off-Grid Field Power

Rapid Deployment

Rugged Portable Design

Reliable Clean Energy

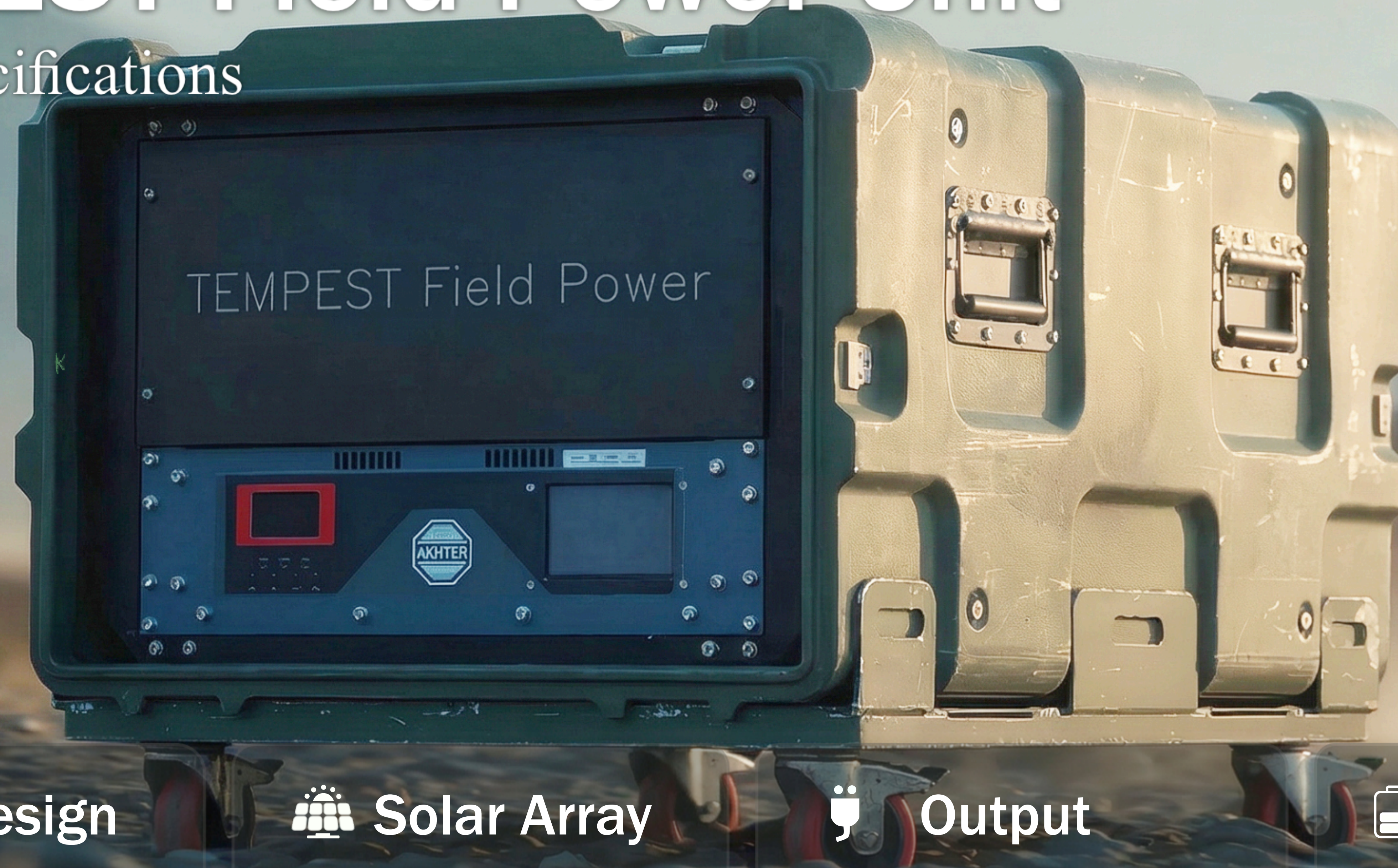
Renewable Solar Generation

Silent Operation

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TEMPEST Field Power Unit

System Specifications



Rugged Design

Heavy Duty Outer Shell

Water Resistant Doors

Operating Temperatures:

Discharge: -10 to 45 °C

Charge: 0 to 45 °C

Warranty: 5 years

Shock mounted 10U Rack

Dimensions: 1130mm x 650mm x 510mm
(D x W x H)

Weight: 100kg

Solar Array

Up to 6.4kW

Up to 16 x 400W panels

Folded: 630mm x 780mm

Unfolded: 630mm x 2370mm

Weight: 16.25 kg

Shock mounted 10U shell

Output

12kW Maximum Load

240V AC Pure Sinewave

24V / 48V DC

Up to 100A DC

Battery

Battery Bank – 12kWh

Battery Life > 5 years

Battery Type – Lithium Iron
Phosphate (LiFePO₄)

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