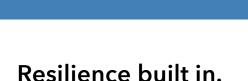


PRODUCT SPECIFICATION DOCUMENT

M100 Module

Microgrid battery storage engineered for autonomy



The M 100 is a compact battery storage system designed to serve as the heart of hybrid and off-grid energy systems. With 100 kVA continuous output and 125 kVA surge capacity, it integrates seamlessly with renewables, generators or site loads to provide silent, zero-emission power. It's a plug-and-play solution for microgrids, exploration camps, telecom towers and remote installations.

Applications

- Remote microgrids and standalone power systems
- Exploration and mining camps
- Telecom and infrastructure support
- Renewable storage and generator hybridisation

Performance Highlights

- 100 kVA continuous output, 125 kVA surge
- Up to 94% round trip efficiency
- Zero emissions, silent operation
- Supports solar/genset/grid input
- Rugged design for harsh site conditions
- Ideal for 24/7 autonomy in remote locations



Technical Specifications

188 kWh
169 kWh
LiFePO ₄
Automotive-grade BMS
100 kVA
125 kVA
56 kVA
3 hr @ 58kVA
Up to 94%
ystem
ing
or sources
-10°C to +50°C
generation