

Energy Hub Midi

Everything you need for reliable power – in one cabinet

Pre-wired. Pre-tested. Installer-ready.

Reliable Off and On-Grid Power Built for New Zealand

The Energy Hub Midi is the latest generation of integrated turnkey off and on-grid power systems, combining proven Victron technology with high performance SOK lithium batteries in a weatherproof IP55 rated, installer friendly package.

Available as a complete turnkey solution or a cabinet with batteries.



48 V DC

System Voltage

10-30kWh

Scaleable Storage

IP55

Weather Rated

2-15kW

Solar Input

LiFePO4

SOK Chemistry

KEY FEATURES

- **Smart Integration**
Integrated BMS provides realtime data exchange between batteries and the inverter.
- **Durable Outdoor Cabinet**
Powder coated 3mm aluminium, IP55 rated
Outlasts any powder coated steel cabinet.
- **Generator Ready**
16A or 32A generator input with 2-wire autostart. Victron seamlessly manages it.
- **Built to Resist Wind**
Optional bolt-on feet to anchor the cabinet to a solid base in high winds or exposed sites..
- **Technical Support**
Manufacturer back warranty and technical assistance from SOK Battery NZ experts.
- **Smart Easy Installation**
Pre-wired, move cabinet, install batteries, connect solar and loads. You're set to go.
- **Longer Life Span**
Up to 20 years / 4000-8000 cycles. Grade A prismatic cells with superior build quality.
- **User Servicable**
Robust enclosures. Unlike sealed batteries, SOK systems can be maintained and repaired.
- **Cellular & Wifi Ready**
Option to connect to cellular or WiFi networks for remote monitoring, depending on services.
- **3mm Aluminium Cabinet**
Powder-coated aluminium won't rust – built for NZ coastal and rural conditions.

Inside the Energy Hub

SOK Batteries and Victron are renowned for their durability, serviceability and reliability, making them the preferred choice for solar energy storage and off-grid systems.



Battery compartment
- up to 6x SOK
rack batteries

Victron inverter,
MPPT, BMS
and wiring

CABINET OPTIONS

Customise Your Energy Hub

The Energy Hub is available in several variations. Combine one or more options to suit your needs.

Additional Solar Controller

Choose from a large range of solar controllers. Each cabinet can be upgraded to accept up to 15000W of solar.

Cellular Router

Access your Energy Hub remotely without an existing internet connection. Teltonika RUT241 with external antenna. Wifi functionality included.

Generator Input

The Energy Hub Midi can include either a 16 or 32A generator input with two-wire autostart connector and a 32A outlet. Includes all AC wiring and certificate of compliance.

Need a custom solution? Get in touch, we can tailor a system to your requirements. sogenenergy.co.nz