

# UNIV 5200 - Lithium Energy Storage in Rack Format

## Model: UNIV 5200

### Short Description

The UNIV 5200(I) is a lithium energy storage unit in 19-inch rack format for professional applications such as technical rooms, data centers, or telecom infrastructure. With 4.81 kWh usable energy, passive cooling, and optional communication interfaces (CAN, RS485, Bluetooth), it is ideally suited for scalable backup systems. Up to 20 units can be combined in parallel.

### Typical Applications

- Backup power for server rooms and data centers
- Energy storage in telecommunications systems
- Commercial PV backup systems
- Peak shaving in industrial environments
- Off-grid storage solutions in remote areas

### System Advantages

- Robust 19" rack-mount design for technical rooms and control cabinets
- 4.81 kWh usable capacity at 51.2 V
- Modularly expandable up to 20 units
- Intelligent battery management system (BMS) with comprehensive protection
- Real-time monitoring via RS485, CAN or Bluetooth
- Maintenance-free operation through passive cooling
- 10-year warranty (5 years standard + 5 years optional)