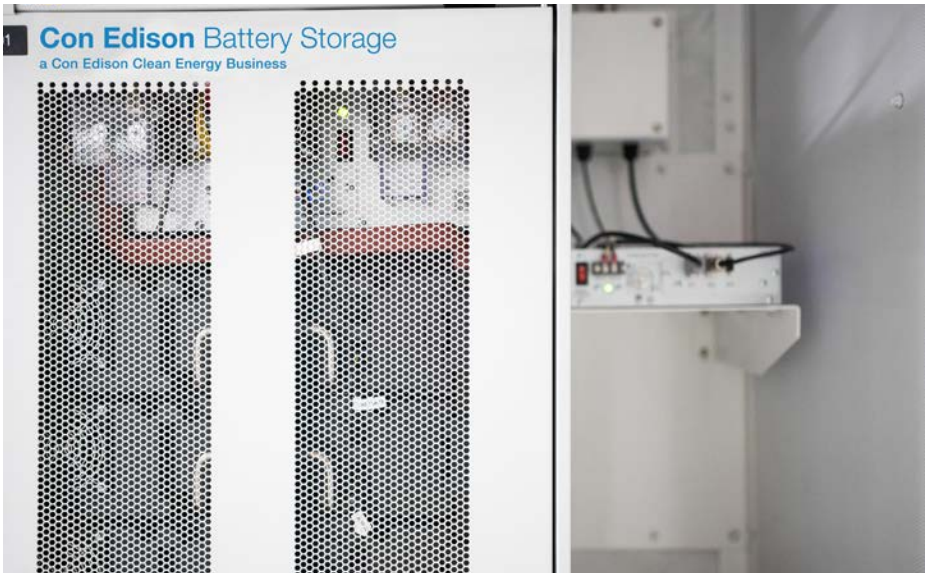
Con Edison Battery Storage

a Con Edison Clean Energy Business

IN-BUILDING ENERGY STORAGE:

L1000



Manage energy use, reduce costs, and provide backup power for a building, campus or enterprise with the L1000 In-Building Energy Storage System from Con Edison Battery Storage. We combine world-class energy storage technology with buildings expertise and intelligent controls for the solution that performs best with your existing building systems.

The flexible indoor system can be installed in any electrical room connected to the facility grid and delivers maximum benefits:

- **Seamless integration with building systems,** including *Metasys*® and other building automation systems via BACnet® or Modbus. Our advanced controls blend HVAC, lighting, security, and fire safety to optimize whole-building performance and simplify participation in energy markets.
- **Greatest economic benefits** captured through support of multiple applications. The L1000 handles and optimizes for multiple applications, including peak shaving, load shifting, frequency regulation, demand response, and participation in energy markets and incentive programs to cut costs and generate revenue.
- **Customizable system, with scalable modules,** that fits your needs with output from 50kW up to 250kW. Batteries are snapped into racks (no electrician needed) and paired with our controls and embedded software.
- **Local and remote real-time monitoring, diagnostics and control.** The system overview displays energy, power, health, alarm and key performance indicator trends, updated in real time. Detailed views and reports provide additional data.
- **Lowest lifecycle cost** through adaptive algorithms and premium battery composition.

THE L1000 AT A GLANCE

- Indoor solution for buildings, campuses and enterprises
- Efficient energy management, reduced costs and backup power
- Remote and local real-time monitoring and control

WHY CON EDISON SOLUTIONS?

At Con Edison Solutions, our battery storage systems together with our energy expertise combine to provide our clients a fully integrated, optimized energy solution. Our holistic approach brings you maximum value, with proven, flexible solutions. All backed by the service, reliability, and stability of a market leader with a corporate heritage dating back nearly 200 years. **Learn more at ConEdSolutions.com.**

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Clean Energy Businesses

L1000 Product Specifications

Characteristic	BU-100E	BU-125E
Nameplate Storage Capacity (kWh)	91	137
Usable Storage Capacity (kWh)	89	134
Maximum Charging Power (kW)	91	137
Maximum Discharging Power (kW)	91	137
Output Power (kW)	Dependent upon PCS selected; see PCS specifications	
DC Voltage Range (Vdc)	588 – 823	588 – 823
AC Output Voltage (Vac)	Dependent upon PCS selected; see PCS specifications	
Aux Power Input (Vac)	24 Vdc, 250W (max)	
Building Interface (optional)	Johnson Controls *Metasys*®, ASHRAE BACnet®	
System Monitoring	Local and Remote	
Operating Temperature	0°C to +40°C (System derates if temperature is below +19°C or above +27°C)	
Operating Humidity	5% – 85% relative humidity, non-condensing	
Dimensions (W x H x D)	520 x 1880 x 670 mm	520 x 1880 x 930 mm
Weight	740 kg	1075 kg

Storage System Sizes

Model	Energy (E)	Power (P)	PCS	Units
BU-100	91	92	None	kWh
BU-125	137	NA	None	kWh