

יונירום אלקטרוניקס בע"מ



Unirom Electronics Ltd

Eaton xStorage 250kW-1000kW Battery Energy Storage System (BESS)

EATON

Powering Business Worldwide

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xStorage 250-1000 BESS product overview



Power: 250 to 350kW
Usable energy: 250 or 340kWh
Installed energy: 279 or 372kWh



Power: 250 to 700kW
Usable energy: 500 or 680kWh
Installed energy: 559 or 744kWh



Power: 250 to 1,000kW
Usable energy: 750 or 1,020kWh
Installed energy: 839 or 1,117kWh

Applications

- EV fast charging
- Community buildings
- Commercial buildings
- Industrial facilities
- Microgrids

Energy functions

- Peak shaving
- Load shifting
- Backup power
- Solar self-consumption
- Demand response

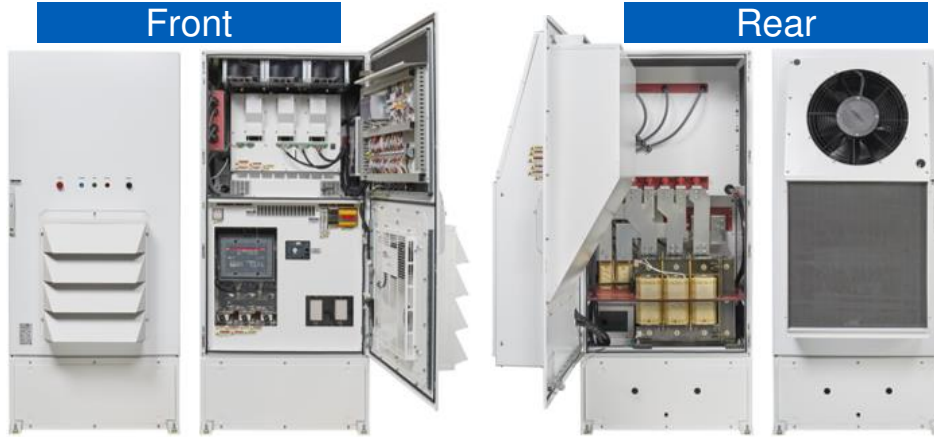
Environment

- Enclosures: IP54 / NEMA 3R
- Temperature: -25°C to 55°C
- Humidity: 5% to 100% non-condensing
- Elevation: 1000m without derating

Listings

- System: UL 9540
- PCS: UL 1741 SA, SB, IEEE1547
- Batteries: UL 1973, 9540A

Power Conversion System (PCS)



Electrical

- 3P 3-wire
- 480V AC input/output
- 60hz
- 208V 1P aux power
- >98% efficiency
- 120% overload 3 sec, 116% overload 5 min
- 180kAAC fault current

Features

- 250kW to 1,000kW
 - 50kW increments
 - Field upgradeable
- Bi-directional
- Liquid cooled power electronics
- Compact footprint
 - 67" x 62" x 90" WxDxH
- Outdoor rated
 - NEMA 3R / IP54
 - Pad mounted
 - Fork or crane
 - 3500lb
- UL 1741 SA and SB certified

Lithium-ion batteries



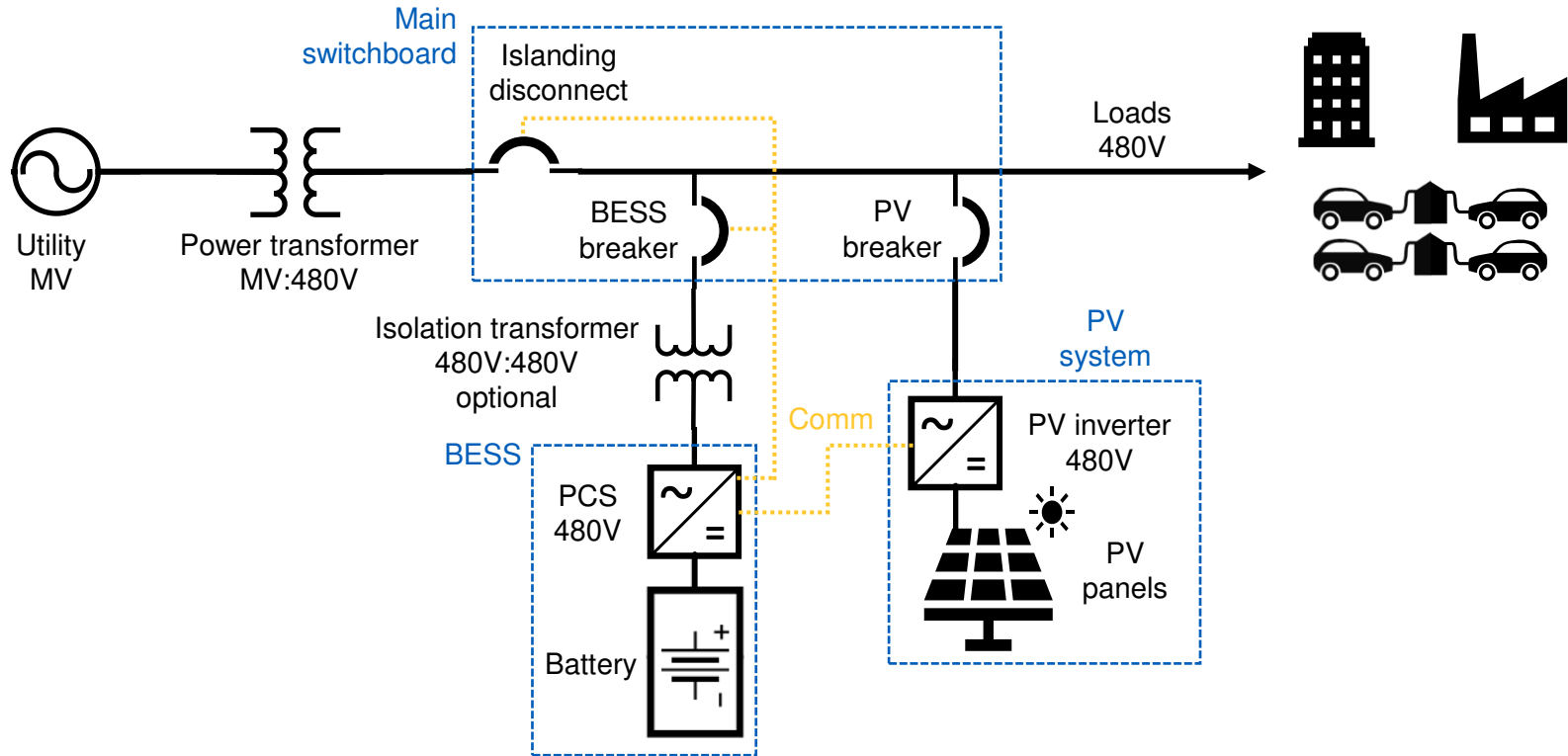
Battery

- CATL 280Ah cell
- LFP chemistry
- 1100-1500V DC
- 1C / 0.5C options
- 208V 1P aux power
- DC disconnect included
- 10-year warranty
- Front service access

Features

- 250kWh or 340kWh usable energy
- 1+ hour runtime
- Field installable
- Liquid cooled modules
- Compact footprint
 - 54" x 54" x 92" WxDxH
- Outdoor rated
 - NEMA 3R / IP54
 - Pad mounted
 - Fork or crane
 - 8000lb
- UL 9540A
- Fire suppression included

Simple one-line





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