

Battery Energy Storage Solution (BESS)

INV BESS 200 kW/400 kWh



- Active Balancing
- Cell-level voltage, current & temperature monitoring.
- State of Health (SOH) estimation & reporting.
- Safety logic for over-current, over-temp & fault shutdown.

Enclosure & Protection:

- Liquid Cooled System
- Integrated HVAC for optimal thermal management.
- IP55 rated for outdoor protection.

Control & Communication:

- SCADA-based monitoring & control.
- Supports Modbus TCP/IP, CAN communication protocols

Power Conversion System (PCS):

- •Bi-directional DC/AC & AC/DC operation.
- •Grid-tied support for frequency, voltage & ramp-rate control.

Safety & Protection:

- •Over-temp, overcharge, overdischarge, short-circuit & thermal protection.
- •Includes fire detection & suppression system.

- Image may differ from the actual product.
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DATASHEET



Recompagnetic Processing	General Specification	INV BESS 200 kW/ 400 kWh
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Power Conversion System (PCS) Bi-Directional Operation: Converts DC power to AC for the grid (discharge) and AC to DC for the batteries (charge). Bi-Directional Operation: Supports frequency regulation, voltage support, and ramp rate control (fast response). Enclosure & Protection Integrated HVAC/Thermal Management: Ensures cells operate within the optimal temperature. IP Rating: IP55 (for outdoor environmental protection). Safety and Protection Over Temp, Overcharge, Overdischarge, Short Circuit, and Thermal Protection (System includes fire detection and fire suppression system).	Cabinet Specification	
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