Energy Storage Inverter
RIU-2750MV

AC Parameters
- Rated Power (kW) 2500 kW
- Rated Power (kVA) 2750 kVA
- AC Operating Voltage (Vac) 550 V (10-35 kV)
- Maximum Reactive Power (kVARated) 2500 kVARated
- Power Factor Range -0.50 to 0.90

DC Parameters
- DC Input Range (Vdc) 800 - 1500V
- Max DC Current (A) 3500A
- DC Bus Control DC-IQ Intelligent Bus
- Battery Life Cycle Management Digital Twin Life Optimization - Optional
- Battery Information
  - Battery Chemistry Lithium-Ion, NCM
  - Mechanical Information
    - Package Format 20’ ISO w/ Exterior Access
    - Dimensions (mm) L x W x H 6058 x 2438 x 2890
    - Weight (kg) 15,700 kg
- Design Conditions
  - Min Operating Temperature (C) -30°C
  - Max operating Temperature (C) 50°C (55°C w/ hot climate upgrade)
- Installation Pad/Pier
- Weatherization NEMA 3R, IP54
- Fire Suppression - Aerosol Optional

Reservoir Storage Unit
RSU-4000 Series

Overview
- Nameplate Energy Capacity (kWh, usable) 4184
- Individual Battery Blades - Factory installed 20 of 20
- Maximum Power - Factory installed (kW, usable) 1200
- Maximum DC Current - Factory Installed (kW) 1000
- Available Augmentation Capacity (%) 0%
- Available Augmentation Capacity (kWh, usable) N/A
- Key Features
  - Battery Management System
  - Remote Management
  - Solar DC Coupling
  - High Voltage Ride Through (HVRT) Yes
- Communications
  - Standard RS-485, Ethernet
- Equipment
  - Battery Management System GE Blade Protection Unit BPU
  - DC Bus Control DC-IQ Intelligent Bus
  - Design Conditions
    - Min Operating Temperature (C) -40°C
    - Max operating Temperature (C) 50°C (55°C w/ hot climate upgrade)
- Safety Features
  - Anti-islanding
  - Integrated Lockable Disconnect Module
  - Design Conditions
  - Min Operating Temperature (C) -40°C
  - Max operating Temperature (C) 50°C (55°C w/ hot climate upgrade)
- Fire Suppression - Aerosol Optional
- Design Conditions
  - Min Operating Temperature (C) -40°C
  - Max operating Temperature (C) 50°C (55°C w/ hot climate upgrade)
- Mechanical Information
  - Package Format 20’ ISO w/ Exterior Access
  - Dimensions (mm) L x W x H 6058 x 2438 x 2890
  - Weight (kg) 15,700 kg
  - Fully Integrated HVAC
  - Fire Suppression - Aerosol
- Connection & Compliance
  - UL 1741, IEC 62209
  - UL 62557 (NMC)
  - NEMASCR-2001, IEC 62477-1
  - CE Marking
  - UL 62557 (NMC)
  - UL 62557 (NMC)
  - CE Marking

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