

SC5500UD-MV/SC6300UD-MV/ SC6900UD-MV

MV Power Conversion Unit



HIGH YIELD

- Advanced three-level technology,max. efficiency 99%
- Effective forced air cooling,no derating up to 45°C
- Wide DC voltage operation window, full power operation at 1500V



SMART O&M

- Modular design,easy for maintenance
- IP65 protection degree, easy for outdoor installation
- C5 anti-corrosion degree, adjust to applications close to the sea



FLEXIBLE APPLICATION

- Bidirectional power conversion system with full four-quadrant operation
- Compatible with high voltage battery system,low system cost
- Battery charge & dis-charge management and black start function integrated



GRID SUPPORT

- Compliant with CE, IEC 62477, IEC 61000 and grid regulations
- Fast active/reactive power response
- L/HVRT,FRT, soft start/stop, specified power factor control and reactive power support

CIRCUIT DIAGRAM



