RCT POWER GSC261

Grid Switching Cabinet



Automatic Switching

- Automatic on/off-grid switching and synchronization
- Seamless switching with VSG grid-forming compatibility and full-type generator set adaptation

Fast Switching

- Active on/off-grid switching time: 0ms
- Passive on/off-grid switching time: <20ms

Distribution-friendly

- Built-in UPS ensures auxiliary power supply
- Optional PV and diesel generator access ports for flexible configuration

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Grid Switching Cabinet
GSC261-250-01

Compatible Product Models	1 or 2 units of CESS261

Grid Side Input

Rated Voltage [Vac]	400 Vac
Rated Frequency [Hz]	50/60 Hz
Rated Power [kW]	250 kW
Rated Current [A]	360 A
THDu	＜10%

Load Side Output

Rated Voltage [Vac]	400 Vac
Rated Power [kW]	250 kW
Rated Current [A]	360 A

CESS Side Output

Rated Voltage [Vac]	400 Vac
Rated Frequency [Hz]	50/60 Hz
Rated Power [kW]	250 kW
Rated Current [A]	360 A
THDu	＜10%

General Parameters

Bypass Function	Integrated
Switching Time	＜20 ms
Overload Capacity	110%@1min
UPS Power Supply	1kVA/220Vac
Isolation Type	Non-isolated
Operating Temperature Range [℃]	-25℃ to 55 ℃
Max. Operating Altitude [m]	≤4000 m
Dimensions [mm]	W900*H2000*D1000
Weight [kg]	500kg
IP Rating	IP54
Cooling	Forced air cooling
Communication	RS485
Design lifetime	20 Years

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