

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
- 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

Grid Switching Cabinet

GSC261-250-01

Compatible Product Models

1 or 2 units of RCTerra Class 2.0

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

Switching Time	< 20 ms
Overload Capacity	110%@1min
UPS Power Supply	1kVA/220Vac
Operating Temperature Range [°C]	-25°C to 55 °C
Max. Operating Altitude [m]	≤4000 m
Dimensions [mm]	W900*H2000*D1000
Weight [kg]	500kg
IP Rating	IP54
Cooling	Forced air cooling
Communication	Modbus RTU