



100 kW/200 kWh Outdoor All-in-one ESS Cabinet

RV-CNI100kW-200kWh



Features:

- Multiple safety, efficient and reliable
 - Strict less than 10mv pressure difference optional
 - All battery cell parameter detection
 - String three-level dynamic management and maintenance of battery cells
 - Real-time remote battery cell safety warning
 - Vehicle-grade Perfluoro fire protection in PACK
 - Active and passive integrated liquid cooling management technology, cluster temperature difference $\leq 2.5^{\circ}\text{C}$
- Easy maintenance: all-in-one design, strong temperature uniformity, long life span
- Strong compatibility: suitable for AC and DC parallel combination
- Smart management: remote health monitoring and status warning

Functions:

- Off-grid power backup: emergency repairs during blackout, emergency power supply in areas without electricity
- Power distribution area management: capacity expansion, three phase balance, Low voltage management
- Peak-valley mode: time-of-use (TOU) arbitrage for commercial and industrial users
- Grid connection to ensure power supply: power supply switching in important applications which load is uninterrupted

RV-CNI100kW-200kWh

Model:	RV-CNI100kW-200kWh
Technical Parameters	
Battery Specification	8S 1P30S
Noise(dB)	$\leq 75\text{dB}$
Rated Power	100kW
DC Voltage	768V (Max 864V)
DC Current	140A (Max 182A)
AC Voltage	3L+N / AC 0.4kV
AC Current	150A
Cycle Life	≥ 6000 cycles (0.5C, 90%DoD)
Power Supply Time	100kW continuous power supply for 2 hours
Dimensions W*D*H	1350*1250*2400 (mm)
Weight	2300kg
Ingress Protection	IP54 (PACK: IP67)
Communication	LAN / 4G
Fire Protection	Perfluoro in PACK
Thermal Management	Liquid cooling (Deionized water / ethylene glycol)
Operation Temperature	-20°C to 50°C