

C&IESS Series—

Outdoor Solar Energy Storage System



RPCI-HVC1

Battery Parameters

Cell Chemistry	LiFePO4
Module Energy	10.24kwh
Module Nominal Voltage	51.2V
Module Capacity	200Ah
Battery Module Qty	10
System Energy	102.4kWh
System Nominal Voltage	512V
Operating Voltage Range	448V~576V
Charge/Discharge Efficiency	Max. 0.5C
Dimension(W*D*H)	1200mm*1000mm*2150mm
Weight	1430KG
Operating Temperature Range	-25C~+50C
Coding Method	Air Conditioner

Inverter Parameters

DC-PV	
Max. PV Voltage	1000V
MPPT Range/Nominal	180V-1000V
Max. Input Current/String	36A*2
Qty. of MPPT	4
Max. Input Power/String	50kW
AC-On-Grid	
Rated AC Output Power	50kW
Max. AC Output Power	50kVA
Max. AC Current	75A
Rated AC Voltage	400V 3L/N/PE
Rated Grid Frequency/Range	50/60Hz ± 5Hz
AC Current Harmonics	<3% (100%LOAD)

Product Details



● Safety & Reliability

- ◆ LiFePO4 battery with higher safety & longer lifetime
- 1+1 redundant design

● Simple & Friendly

- ◆ Easy installation, pre-installed before delivery
- + Backup time with 2-5 hours

● Cost-Effective & High Efficiency

- + 100% DOD, improve return on investment

AC-Off-Grid

Rated AC Voltage	400V 3LN/PE
Rated Grid Frequency/Range	50/60Hz
Rated AC Output Power	50KW
Max. AC Charge/Discharge Current	75A
Switch Time	≤ 10ms