LiFePO4 Battery Backup Power

CNLP48100/200-R15S





1.2V LiFePO4 system, safe & stable, long cycle life

Support multi-unit parallel connection for flexible capacity expansion

Excellent chemical stability and high safety

Maintenance-free, no acid leakage risk

Uilt-in BMS (Battery Management System)

Standard 19-inch rack mount, easy cabinet deployment, space-saving

Product Advantages



Microgrid energy storage



Power for remote monitoring & control equipment



Security monitoring system



Small charging pile

Technical Parameters

CNLP48100/200-R15S			
Model	CNLP48100	CNLP48150	CNLP48200
Electrical Parameter			
Rate Voltage	48V		
Rate Capacity	100Ah	150Ah	200Ah
Energy	4800Wh	7200Wh	9600Wh
Cycle Life	>4000 cycles 80% DOD		
Internal Impedance	<50 mΩ		
Designed Life	10 Years		
Operating Parameter			
Charge Voltage	53.2V		
Charge Current	50A		
Max.Charge Current	100A		
Discharge Cut-off Voltage	37.5V		
Discharge Current	50A		
Max. Discharge Current	100A		
Discharge Temperature	-20~55℃		
Charge Temperature	0~55℃		
Storage Temperature	-10~45℃		
Functional Items			
Parallel Connection	Max 15P		
Communication Port	RS485/CAN		
SOC Display	LED		
Mechanical Parameter			
Terminal	Terminal Block		
Weight	43KG	69KG	78KG
Dimension (W*D*H)mm	445*430*132	445*560*177	445*560*222
Protection	IP30		
Standard			
Certification	CE		