Rack Mount Lithium Battery Pack

CNLP48100-R16S



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

Uilt-in BMS (Battery Management System)

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

Maintenance-free, no acid leakage risk

Support multi-unit parallel connection for flexible capacity expansion

Excellent chemical stability and high safety



Product Advantages



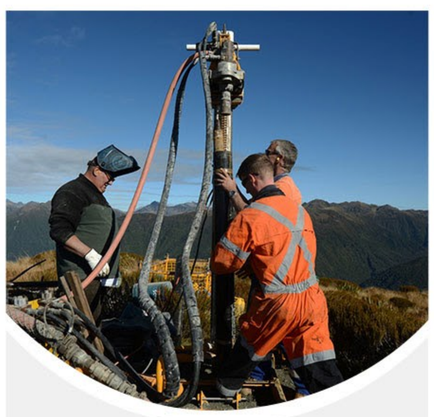
Laboratory



Off-grid PV System



Security Monitoring



Power Supply for Exploration Equipment

Technical Parameters

CNLP48100-R16S	
Model	CNLP48100-R16S
Cell Type	LiFePO4
Internal Connection	16S1P
Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	100
Total Energy (Wh)	5120
Dimension (W*D*H)mm	482(441)*510*175
Weight (kg)	52.4
Max.Charging Current (A)	100
Max.Discharging Current (A)	100
Pulse Discharge Current	105A (25℃±3℃；<1S)
Charging Voltage (V)	56~57.6
End of Discharge Voltage (V)	40.5V
Operating Humidity	0~95% RH (No condensing)
Operating Temperature Range	Charge: 0~+50℃；Discharge: -20~+55℃
Cycle Life	>3500
Designed Calendar Life	10 Years
Communication Interface	RS232, RS485, CAN
Protection	Over-voltage, Low Voltage, Over current, Over temperature, Low temperature, Short circuit
Parallel Support	Yes, Max.15 Sets
Optional Parts	MCB; LCD dispaly; Gyroscope Anti-theft; Gyroscope Anti-theft