


Sodium-ion Battery For Telecom


48V50/150AH




- **Polyanionic Sodium-ion** battery have **50%** energy density with Li-ion battery,perfect for scenarios where spacere quirements are not stringent.
- They can operate at lower & higher temperatures and reducing the energy required fo rcooling and heating and last longer than Li/La.With the smart battery management system,remote monitoring and management is available.
- All of this contributes to less frequent replacements and reduced truck rolls and costs,plus reduced carbon dioxide(CO2)emis sionsassociated with those activities and battery materials.These features offer real tangible environmental benefits.




Green and environmental.
100%green material,non-hazardous,notoxic,nopollution




Strong Redundant Safety.
Battery power guaranteed,**no smoke,no fire,no explosion.**




Longer battery life.
8000cycles@80%DOD,15years design life.



Smart & Simple & Secure.
Advanced **BMS** technology, **anti-theft function with LCD+ Breaker**




Working in extreme temperature.
Normal discharge at 80℃,**long-term cycle useat 45℃**




Long shelf life
1.5% ultra-low self-discharge rate, no battery memory effect


Model	AS48V50AH	AS48V150AH
Battery Technology	Sodium-ion Battery, NFPP	
Terminal Type Nominal	Smart	Standard
Voltage & Capacity	48V, 100Ah	48V,150Ah
Nominal Capacity	4800WH	7200WH
Max Charging Current	100A	100A
Max Disharging Current	100A	100A
Cycle Life @25'c,0.5c/0.5C,80%EOL	≥8000	≥8000
Dimensions(W*H*D,mm)	480*550*200	442*650*220
Weight	46Kg	80KG
Charging Temp	0~60℃	0~60℃
Discharging Temp	-40~80C	
Recommended operating Temp	-20~80℃ C	
Communication	RS485/CAN	
Anti-theft	Yes	
Max in parallel	16 Blocks	
Shelf Life Time	6 months	




Charging & discharging.
Fast charging@**1C**rate,support constant voltage dis charge,auoto-balancing



Interactive with DC Controllers.
Huawei, Delta, Vertiv, Eltek, support remote monitoring and management



Strictly tested & certified.
UL,IEC listed sodium-ion cell,**CNAS** certified sodium-ion battery pack



Longer Warranty Periods.
After Installation **84 monthes** warranty periods