

# N48-100A(48V100Ah)

Leoch N series adopt high quality sodium cells, supporting parallel use for extended backup times. For telecommunications use.

- Access Network Equipment
- Remote Switching
- Mobile Communication Equipment
- Transmission Equipment
- Satellite Ground Stations
- Microwave Communication Equipment
- Backup Power in Communications



**Safe Sodium-Ion  
Battery Technology**



**Environmentally  
friendly**



**Multiple Safety  
Protections**



**Longer Life**



**Intelligent Balancing Function  
DC Booster**

Item	
Model	N48-100A
Rated Capacity (5HR)	100 Ah
Energy	4800Wh+5%
Operating Voltage	43V~57.6V (With use of DC Booster)
Max. Charging/Discharge Current	100A*
Altitude	≤6000m
Weight	Approx. 75kg
Dimensions(W*D*H)mm	442*530*198mm
Case Material	SPCC Case (Aluminum Alloy front panel)
IP Class	IP30
Communication Interface	MODBUS or CANBUS/RS485 /Dry Contacts for legacy devices
Max. number of Parallel Connection	Supports up to 32 units in Parallel*
Cycle Life	6000 cycles( 25°C+2°C,70% DOD)
Design Life	Up to 20 years
Operating Temperature	Charging: -10°C to +60°C , Discharging: -30°C to +60°C
Optimal Storage Temperature	Storage: Optimum range: 5 to +45°C (Limits: -20°C to +60°C)
Terminal	M6
Efficiency	90%