

Lithium battery



Lithium batteries are a type of rechargeable battery that uses lithium ions as the primary component of the electrolyte.

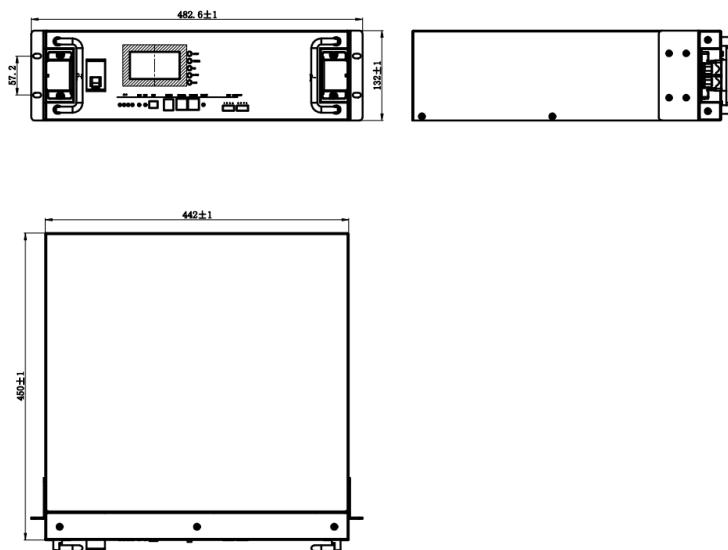
Application

- Remote Switching Offices
- Mobile Communication Equipment
- Transmission Equipment
- Satellite Ground Stations
- Microwave Communication Equipment Voltage Time
- Access Network Equipment Typical Applications
- Communication field as backup power supply

Characteristic

- Safe Lithium Iron Phosphate Technology
- Safe to use Low self-discharge rate
- Excellent high temperature performance
- High cycle times and long life
- High energy density and conversion efficiency
- Environmentally friendly without any heavy metals
- High-performance BMS battery management system
- Easy to install, 19-inch cabinet or wall-mounted installation

Physical Dimension-mm



Lithium battery DC48V 100AH BY-RM23-A2



Item	Parameters
Model	BY-RM23-A2
Rated Capacity (5HR)	100 Ah
Nominal Voltage	48V
Discharge Ending Voltage	40.5V
Charging Limited Voltage	54V
Max. Charging/Discharge Current	100A
Weight	Approx. 40KG
Energy	4800Wh
Display	With LCD display
Max. number of parallel connection	40
Dimensions (W xD xH) mm	442x450x132
Design Life	20 years
Cycle Life	6000 cycles
IP Class	IP30
Case Material	SPCC
Operating Temperature	Charging: 0 to +45°C, Discharging: -10 to +55°C, Storage: -20 to +60°C
Terminal	M6
Communication	RS485, RS232

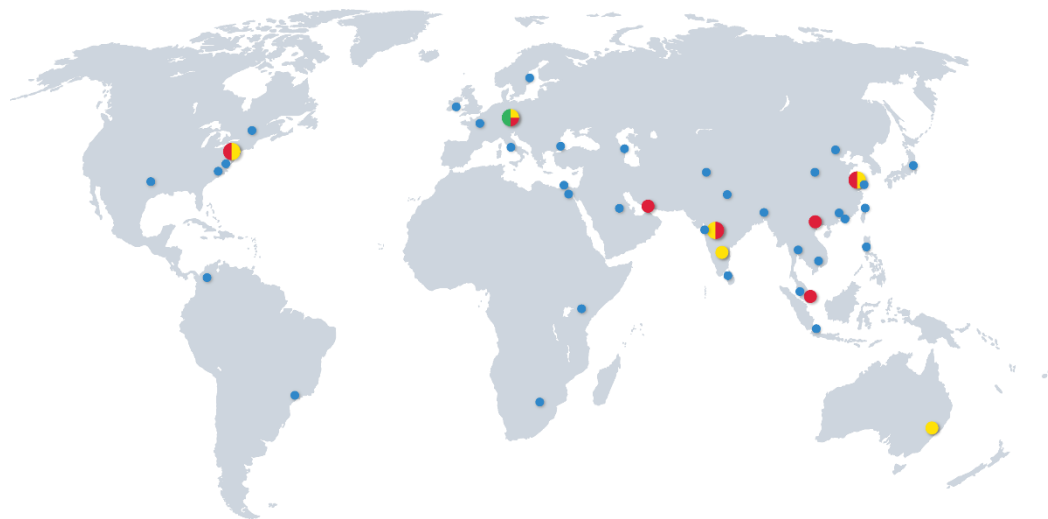
Constant Current Discharge Table (Amperes) at 25°C

Voltage \ Time	1h	2h	3h	5h	10h
End of discharge voltage 40.5V	100A	50A	33.3A	20A	10A

Constant Power Discharge Table (Watts) at 25°C

Voltage \ Time	1h	2h	3h	5h	10h
End of discharge voltage 40.5V	4800W	2400W	1600W	960W	480W

GLOBAL FOOTPRINT



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