

SB24,48 SERIES

Lithium Battery Pack

SB24,48 SERIES Lithium Battery Pack is based on lithium-ion battery of SAMSUNG SDI. It has excellent safety, high energy density, longtime life.

Features

- High C Rate Power
- Excellent safety & cycle life
- Auto protection & cell balancing
- Various of cell line-up(LCO, NCM, NCA, LFP, LMO)
- ROHS compliance

Application

- AGV, Golf Car, Lift Car
- Battery Operated Machinery & Equipment
- Automotive Electric Vehicles
- Electric Yachts & Marine
- Energy Storage System for PV System, Wind Power System
- Backup System for BTS, UPS, ATM, Communication



| Item | | SB24-20Q | SP24-22P | SB48-20Q | SB48-22P |
|--------------------------------|-------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Nominal Voltage/Capacity | | 25.9V/96Ah | 25.9V/105Ah | 51.8V/48Ah | 51.8V/52Ah |
| Energy | | 2486 Wh | 2735 Wh | 2486 Wh | 2735 Wh |
| SOC 80% Operation (@25°C) | Operating Voltage | 21~28V | 21~28V | 42~56V | 42~56V |
| | Charging Voltage | 28V | 28V | 56V | 56V |
| | Cycle Life | > 3000Cycle | | | |
| | Calendar Life | > 15Years | | | |
| Char./Discharging Current(Max) | Continuous | 200A | 100A | 100A | 50A |
| | Instant(3sec) | 250A | 150A | 150A | 75A |
| Protection & Cell Balancing | | OK | | | |
| Size(WHD)mm | | 350x360x250 | | | |
| Weight | | About 30Kg | | | |
| Operation Temperature | | -20~60°C | | | |
| Cell Type | | Li-ion(18650) 3.7V/2000mAh | Li-ion(18650) 3.7V/2200mAh | Li-ion(18650) 3.7V/2000mAh | Li-ion(18650) 3.7V/2200mAh |

- Product specifications and appearance are subject to change without notice.
- Can be made by customer order.



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