

SAKO Lithium Iron Phosphate

- 12V, 24V and 48V lithium battery module
- Built-in maximum 5A cell equalizer
- Up to 1500 times charge/discharge cycles life
- With the overcharge and overdischarge protection function
- With the overcurrent and shortcircuit protection function
- With the overtemperature protection function
- Horizontal and wall hanging case
- Application for off-grid solar power system



| MODEL | 12V100AH | 12V200AH | 24V100AH | 24V200AH | 48V100AH | 48V200AH |
|---------------------------------------|--|----------------|----------------|----------------|----------------|----------------|
| SPECIFICATION | | | | | | |
| Battery Type | LiFePO4 | | | | | |
| Normal Battery Voltage(Vdc) | 12.8V | 12.8V | 25.6V | 25.6V | 51.2V | 51.2V |
| Fast Charge Voltage(Vdc) | 14.0~14.4V | 14.0~14.4V | 28.0~28.8V | 28.0~28.8V | 56.0~57.6V | 56.0~57.6V |
| Folat Charge Voltage(Vdc) | 13.8V | 13.8V | 25.6V | 25.6V | 55.2V | 55.2V |
| Overcharge Protection Voltage(Vdc) | 14.6V | 14.6V | 29.2V | 29.2V | 58.4V | 58.4V |
| Overdischarge Protection Voltage(Vdc) | 10.0~11.2V | 10.0~11.2V | 20.0~22.4V | 20.0~22.4V | 40.0~44.8V | 40.0~44.8V |
| Charge Current(A) | 100A | 200A | 100A | 200A | 100A | 200A |
| Discharge Current(A) | 100A Max. | 200A Max. | 100A Max. | 200A Max. | 100A Max. | 200A Max. |
| Cell Equalizer Current(A) | 1~5A Max. | | | | | |
| PROTECTION | | | | | | |
| Protection | Overcharge protection、Overdischarge protection、Overcurrent protection、Shortcircuit protection、Overtemperature protection | | | | | |
| AMBIENT | | | | | | |
| Noise(dB) | < 40dB (1 meter) | | | | | |
| working Temperature | -10℃~+50℃ | | | | | |
| Humidity | 0~95% (no condensation) | | | | | |
| Sea Level(m) | ≤1500 | | | | | |
| DIMENSION | | | | | | |
| L×W×H (products size) | L320*W290*H182 | L472*W290*H182 | L472*W290*H182 | L773*W285*H180 | L773*W285*H180 | L793*W350*H200 |
| L×W×H (package size) | L380*W360*H222 | L530*W360*H222 | L530*W360*H222 | L830*W358*H222 | L830*W358*H222 | L890*W500*H230 |
| Weight(NW Kg) | 13.0Kg | 25.0Kg | 25.0Kg | 51.0Kg | 51.0Kg | 61.0Kg |
| Weight(GW Kg) | 13.5Kg | 25.5Kg | 25.5Kg | 52.0Kg | 52.0Kg | 65.0Kg |