BMS - JK-B1A8S10P Price: 80,24 $

BMS 100A module for managing Li-ion, LiFePO4 and LTO batteries with an active 1A balancer. Possibility to connect up to 8 batteries in series / 10 in parallel. Equipped with Bluetooth, CAN ports, RS485.

Technical Specifications:

- **Producer:** JKBMS
- **Model:** B1A8S10P
- **Support for LiFEPO4 batteries (strings):** 4S-8S
- **Active Balancer:** 1A
- **Charging current:** 100A
- **Discharge current:** 100A
- **Max discharge current (up to 30 seconds):** 200A
- **Connector (interface):** RS485
- **Other connectors optional:** (CAN, Preheating)
- **Voltage range on 1 cell:** 1-5V
- **Mobile application:** iOS, Android

Source: https://solbat.pl

Price: 40,00 $

BMS (Battery Management System) monitors the voltages of li-ion 18650 cells, whether during charging or discharging, after detecting, for example, a voltage drop on one of the cells, it disconnects the system and similarly balances the cells during charging. If one cell exceeds the appropriate voltage threshold, it is disconnected and the rest are charged to the same level. Protection against overcharging, over-discharging, overheating and short circuit.

Technical Specifications:

- **Nominal voltage:** 52V
- **Charging voltage max:** 58,8V
- **Cell system:** 14S
- **Continuous discharge current:** 45A
- **Maximum charging current:** 45A
- **Instantaneous discharge current:** 100A
- **Cut-off at temp:** 80 ℃
- **Dimensions:** (9x60x120) mm
- **Cut-off voltage:** 38V
- **Weight:** 110g

BMS - JK-BD6A20S12P
Price: 93,26 $

BMS 120A module for managing Li-ion, LiFePO4 and LTO batteries with an active 2A balancer. Possibility to connect up to 20 cells. Equipped with Bluetooth, CAN ports, RS485.

Technical Specifications:

- **Producer:** JKBMS
- **Model:** BD6A20S12P
- **Support for LiFEPO4 batteries (strings):** 8S-20S
- **Active Balancer:** 2A
- **Charging current:** 120A
- **Discharge current:** 120A
- **Max discharge current (up to 30 seconds):** 250A
- **Connector (interface):** RS485
- **Other connectors optional:** (CAN, Preheating)
- **Voltage range on 1 cell:** 1-5V
- **Mobile application:** iOS, Android

ADVANTAGE OF OUR DEVICE IS TO READ TEMPERATURE DATA FROM MOST OF BATTERY CELLS THAT IS NOT PROVIDED IN COMMON APLICATIONS AVAILABLE ON THE MARKET.