

BMS Battery Management System

2020 Collections

DasWatt by iLogoTech GmbH

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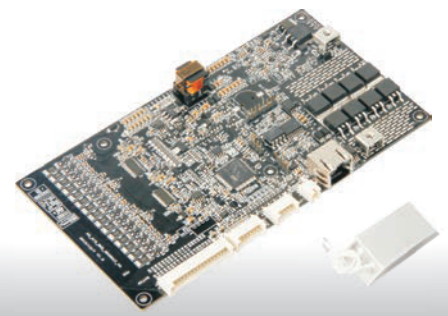
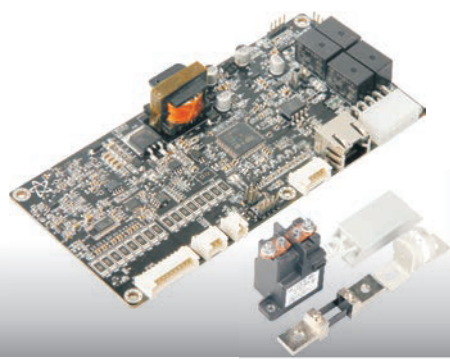
Factory ShenZhen 1
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BATTERY MANAGEMENT SYSTEM



BMS HS-006

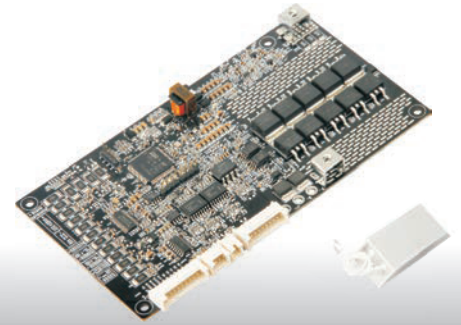
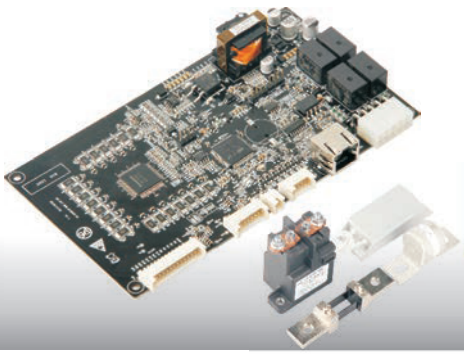
- Chemistry: Li-ion, LiFePO4
- Configurations: 3S-16S (Configurable)
- Voltages Ranges: 6V - 69.6V (Configurable)
- Discharge Current: 40A (On-board Mosfets)
- Charge Current: 40A (On-board Mosfets)
- Charge & Discharge from the same port
- Isolated Communication Protocols: CANBus, MODBus (RS485, RS232, UART)
- Passive Balancing: Yes
- Current Sensor: Built-in on-board resistor
- Temp. Protections: Under & Over Temp. Protections
- NTC: 3S-6S @ 3pcs, 7S-10S @ 4pcs, 11S -16S @ 5pcs
- Pre-Charge & Pre-Discharge: NO
- Support Regenerative Power: Yes
- LCD Display for SOC: Yes (Optional)
- Bluetooth APP: Yes (Optional)
- E-Switch/Ignition: Yes
- Parameters Programmable: Voltages threshold, balancing threshold, temp. Threshold...
- Support Activate Cooling & Heating: No
- Software APP: Windows
- Bluetooth APP/WIFI: ISO & ANDROID
- Size: 160x55x15mm
- Weight: 145g

BMS HS-015

- Chemistry: Li-ion, LiFePO4
- Configurations: 3S-16S (Configurable)
- Voltages Ranges: 6V - 69.6V (Configurable)
- Discharge Current: 100A - 1000A (Depens on relay)
- Charge Current: 100A - 1000A (Depends on relay)
- Charge & Discharge from the same/ differentport
- Isolated Communication Protocols: CANBus, MODBus (RS485, RS232, UART)
- Passive Balancing: Yes
- Current Sensor: External
- Temp. Protections: Under & Over Temp. Protections
- NTC: 3S-6S @ 2pcs, 7S-10S @ 3pcs, 11S -16S @ 4pcs
- Pre-Charge & Pre-Discharge: Yes
- Support Regenerative Power: Yes
- LCD Display for SOC: Yes (Optional)
- Bluetooth APP: Yes (Optional)
- E-Switch/Ignition: Yes
- Parameters Programmable: Voltages threshold, balancing threshold, temp. Threshold...
- Support Activate Cooling & Heating fro m on-board DC output
- Software APP: Windows
- Bluetooth APP/WIFI: ISO & ANDROID
- Size: 160x75x25mm
- Weight: 900g

BMS HS-016

- Chemistry: Li-ion, LiFePO4
- Configurations: 17S-30S (Configurable)
- Voltages Ranges: 34V - 136V (Configurable)
- Discharge Current: 60A (on-board Mosfets)
- Charge Current: 60A (on-board Mosfet)
- Charge & Discharge from the same port
- Isolated Communication Protocols: CANBus, MODBus (RS485, RS232, UART)
- Passive Balancing: Yes
- Current Sensor: Built-in on-board resistor
- Temp. Protections: Under & Over Temp. Protections
- NTC: 17S-20S @ 7pcs, 21S-30S @ 9pcs
- Pre-Charge & Pre-Discharge: Yes
- Support Regenerative Power: Yes
- LCD Display for SOC: Yes (Optional)
- Bluetooth APP: Yes (Optional)
- E-Switch/Ignition: Yes
- Parameters Programmable: Voltages threshold, balancing threshold, temp. Threshold...
- Support Activate Cooling & Heating: No
- Software APP: Windows
- Bluetooth APP/WIFI: ISO & ANDROID
- Size: 186.5x100x16mm
- Weight: 240g



BMS HS-017

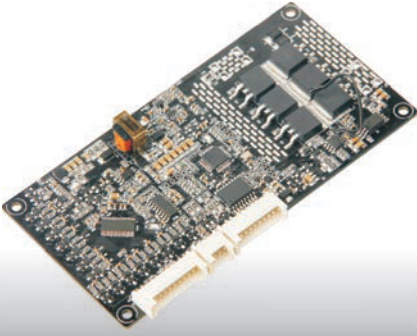
- Chemistry: Li-ion, LiFePO4, LTO
- Configurations: 5S-21S (Configurable)
- Voltages Ranges: 5V - 94.5V (Configurable)
- Discharge Current: 100A - 1000A (Can be higher, depends on relay)
- Charge Current: 100A - 1000A (Can be higher, depends on relay)
- Charge & Discharge from the same/ different port
- Isolated Communication Protocols: CANBus, MODBus (RS485, RS232, UART)
- Passive Balancing: Yes
- Current Sensor: External
- Temp. Protections: Under & Over Temp. Protections
- NTC: 7pcs
- Pre-Charge & Pre-Discharge: Yes
- Support Regenerative Power: Yes
- LCD Display for SOC: Yes (Optional)
- Bluetooth APP: Yes (Optional)
- E-Switch/Ignition: Yes
- Parameters Programmable: Voltages threshold, balancing threshold, temp. Threshold...
- Support Activate Cooling & Heating from on-board DC output
- Software APP: Windows
- Bluetooth APP/WIFI: ISO & ANDROID
- Size: 190x95x25mm
- Weight: 1020g

BMS HS-019

- Chemistry: Li-ion, LiFePO4
- Configurations: 4S-16S (Configurable)
- Voltages Ranges: 8V - 69.6V (Configurable)
- Discharge Current: 100A (on-board Mosfets)
- Charge Current: 100A (on-board Mosfets)
- Charge & Discharge from the same port
- Isolated Communication Protocols: CANBus, MODBus (RS485, RS232, UART)
- Passive Balancing: Yes
- Current Sensor: Built-in on-board resistor
- Temp. Protections: Under & Over Temp. Protections
- NTC: 3S-6S @ 4pcs, 7S-10S @ 5pcs, 11S-16S @ 6pcs
- Pre-Charge & Pre-Discharge: Yes
- Support Regenerative Power: Yes
- LCD Display for SOC: Yes (Optional)
- Bluetooth APP: Yes (Optional)
- E-Switch/Ignition: Yes
- Parameters Programmable: Voltages threshold, balancing threshold, temp. Threshold...
- Support Activate Cooling & Heating: No
- Software APP: Windows
- Bluetooth APP/WIFI: ISO & ANDROID
- Size: 250x100x35mm
- Weight: 660g

BMS HS-024

- Chemistry: Li-ion, LiFePO4
- Configurations: 3S-16S (Configurable)
- Voltages Ranges: 6V - 69.6V (Configurable)
- Discharge Current: 75A (on-board Mosfets)
- Charge Current: 75A (on-board Mosfets)
- Charge & Discharge from the same port
- Isolated Communication Protocols: CANBus, MODBus (2xRS485, RS232, UART)
- Passive Balancing: Yes
- Current Sensor: Built-in on-board resistor
- Temp. Protections: Under & Over Temp. Protections
- NTC: 3S-6S @ 3pcs, 7S-10S @ 4pcs, 11S-16S @ 5pcs
- Pre-Charge & Pre-Discharge: Yes
- Support Regenerative Power: Yes
- LCD Display for SOC: Yes (Optional)
- Bluetooth APP: Yes (Optional)
- E-Switch/Ignition: Yes
- Parameters Programmable: Voltages threshold, balancing threshold, temp. Threshold...
- Support Activate Cooling & Heating: No
- Software APP: Windows
- Bluetooth APP/WIFI: ISO & ANDROID
- Size: 160x85x15mm
- Weight: 225g



More Coming

More Coming

BMS HS-026

- Chemistry: Li-ion, LiFePO4
 - Configurations: 3S-16S (Configurable)
 - Voltages Ranges: 6V - 69.6V (Configurable)
 - Discharge Current: 40A (On-board Mosfets)
 - Charge Current: 40A (On-board Mosfets)
 - Charge & Discharge from the same port
 - Isolated Communication Protocols: IIC, MODBus (RS485, RS232, UART)
 - Passive Balancing: Yes
 - Current Sensor: Built-in on-board resister
 - Temp. Protections: Under & Over Temp. Protections
 - NTC: 3S-6S @ 3pcs, 7S-10S @ 4pcs, 11S -16S @ 5pcs
 - Pre-Charge & Pre-Discharge: NO
 - Support Regenerative Power: Yes
 - LCD Display for SOC: Yes (Optional)
 - Bluetooth APP: Yes (Optional)
 - E-Switch/Ignition: Yes
 - Parameters Programmable: Voltages threshold, balancing threshold, temp. Threshold...
 - Support Activate Cooling & Heating: No
 - Software APP: Windows
 - Bluetooth APP/WIFI: ISO & ANDROID
 - Size: 160x85x15mm
 - Weight: 65g
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