BAK BATTERY
GOLF CART

BAK GOLF CATY

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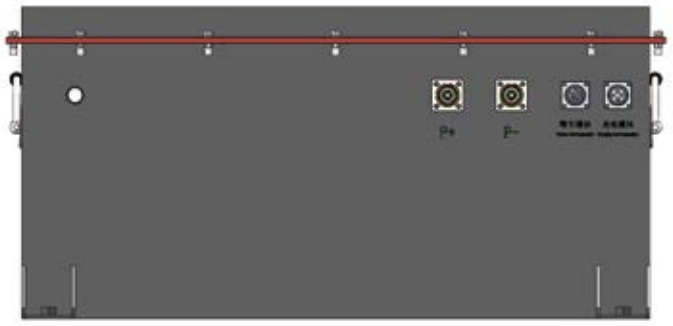
BAK is a leading comprehensive R&D, production, and sales provider of golf carts and lithium batteries.

parameter

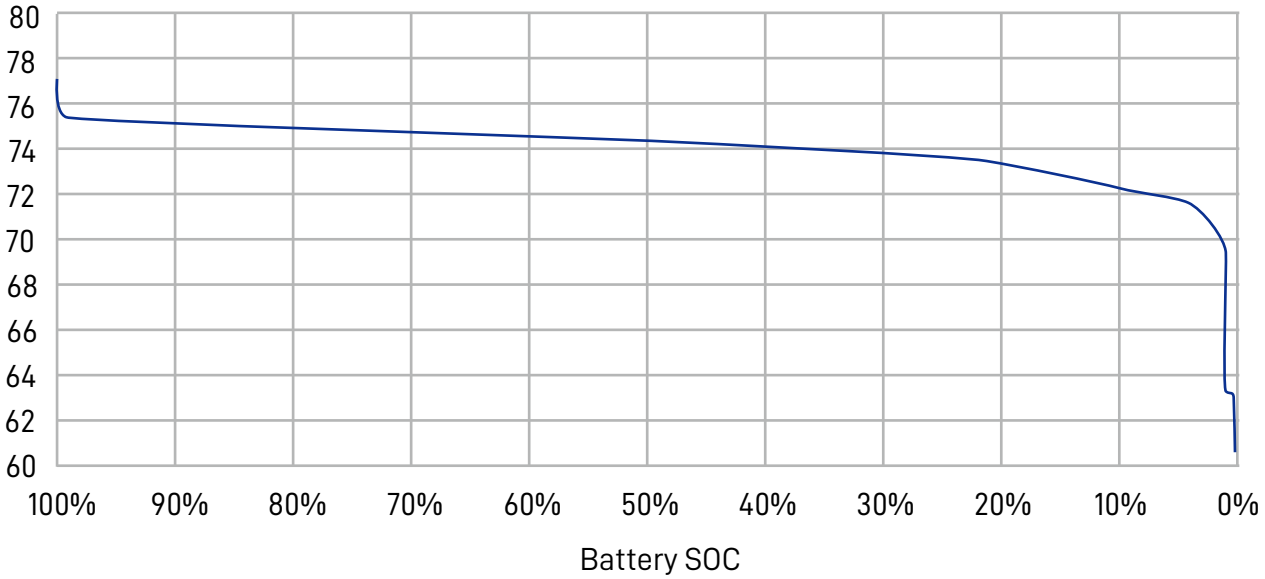
Nominal Voltage (V)	48
Nominal Capacity (Ah)	100
Rated Energy (kWh)	4.8
Cell Material Type	LiFePO4 (LFP)
Battery Case	Cold-rolled Steel
Battery Weight (kg)	52 ± 3
Energy Density (Wh/kg)	92.3
Maximum Dimensions (mm)	620×350×290 (±3)
Cooling Method	Natural Cooling
Protection Level	IP65

Operating Voltage Range (V)	37.5-54
Charging Voltage (V)	54
Charging Current (A)	⩽50
Charging Temperature (°C)	0-50
Discharging Current (A)	⩽100
Peak Discharge Current (A)	⩽200
Discharging Temperature(°C)	-20-60
Storage Temperature (°C)	0-35
Communication	1×CAN
Charging Method	Same Port
Precharge Function	None
Heating Function	None
Parallel Connection	Not Supported

DIMENSIONS



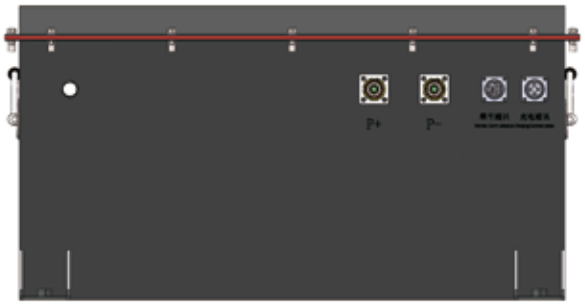
Voltage Curve

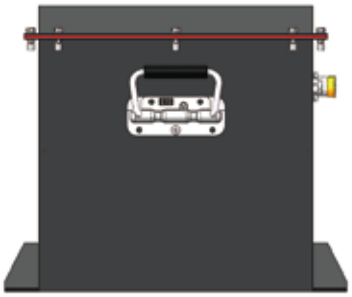


parameter

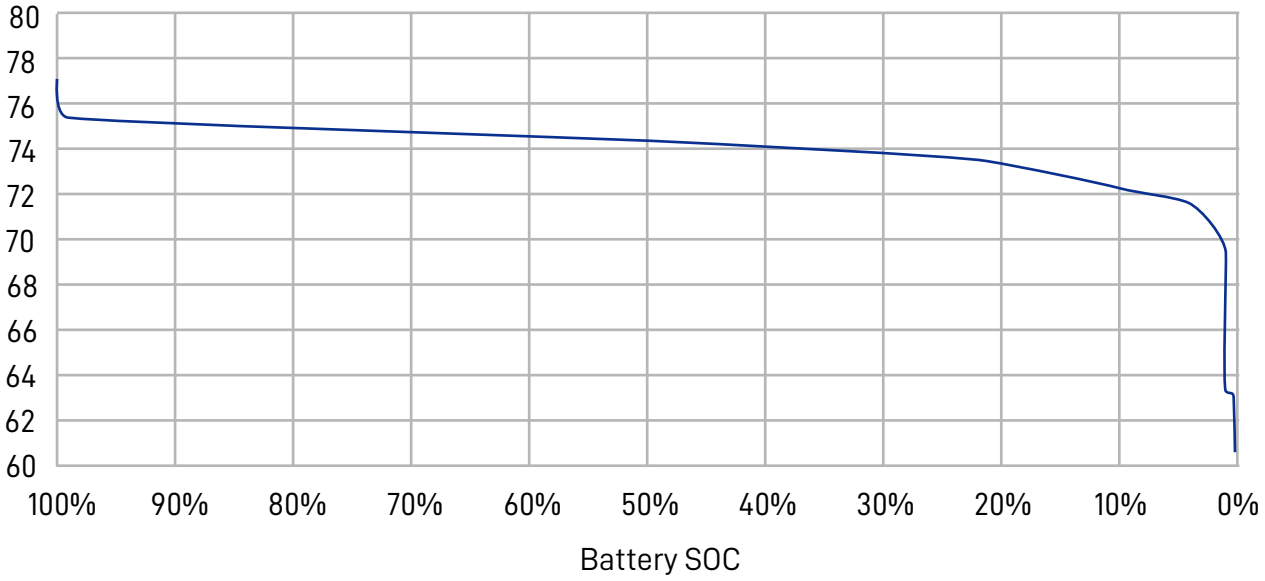
Nominal Voltage (V)	48
Nominal Capacity (Ah)	100
Rated Energy (kWh)	4.8
Cell Material Type	LiFePO4 (LFP)
Battery Case	Cold-rolled Steel
Battery Weight (kg)	49 ± 3
Energy Density (Wh/kg)	97.9
Maximum Dimensions (mm)	573×350×295 (±3)
Cooling Method	Natural Cooling
Protection Level	IP65
Operating Voltage Range (V)	37.5-54
Charging Voltage (V)	54
Charging Current (A)	⩽50
Charging Temperature (°C)	0-50
Discharging Current (A)	⩽100
Peak Discharge Current (A)	⩽200
Discharging Temperature(°C)	-20-60
Storage Temperature (°C)	0-35
Communication	1×CAN
Charging Method	Same Port
Precharge Function	None
Heating Function	None
Parallel Connection	Not Supported

DIMENSIONS





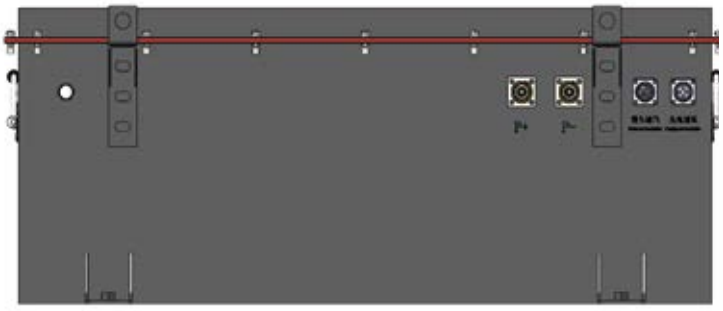
Voltage Curve

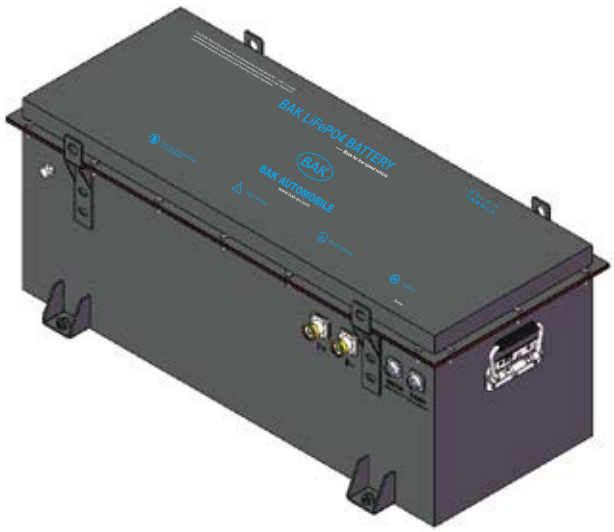


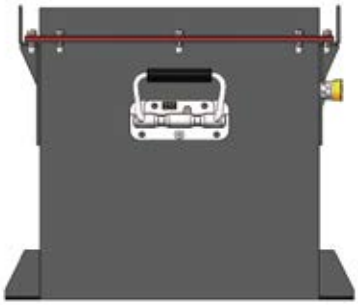
parameter

Nominal Voltage (V)	48
Nominal Capacity (Ah)	150
Rated Energy (kWh)	7.2
Cell Material Type	LiFePO4 (LFP)
Battery Case	Cold-rolled Steel
Battery Weight (kg)	71 ± 3
Energy Density (Wh/kg)	101.4
Maximum Dimensions (mm)	760×350×295 (±3)
Cooling Method	Natural Cooling
Protection Level	IP65
Operating Voltage Range (V)	37.5-54
Charging Voltage (V)	54
Charging Current (A)	⩽75
Charging Temperature (°C)	0-50
Discharging Current (A)	⩽150
Peak Discharge Current (A)	⩽300
Discharging Temperature(°C)	-20-60
Storage Temperature (°C)	0-35
Communication	1×CAN
Charging Method	Same Port
Precharge Function	None
Heating Function	None
Parallel Connection	Not Supported

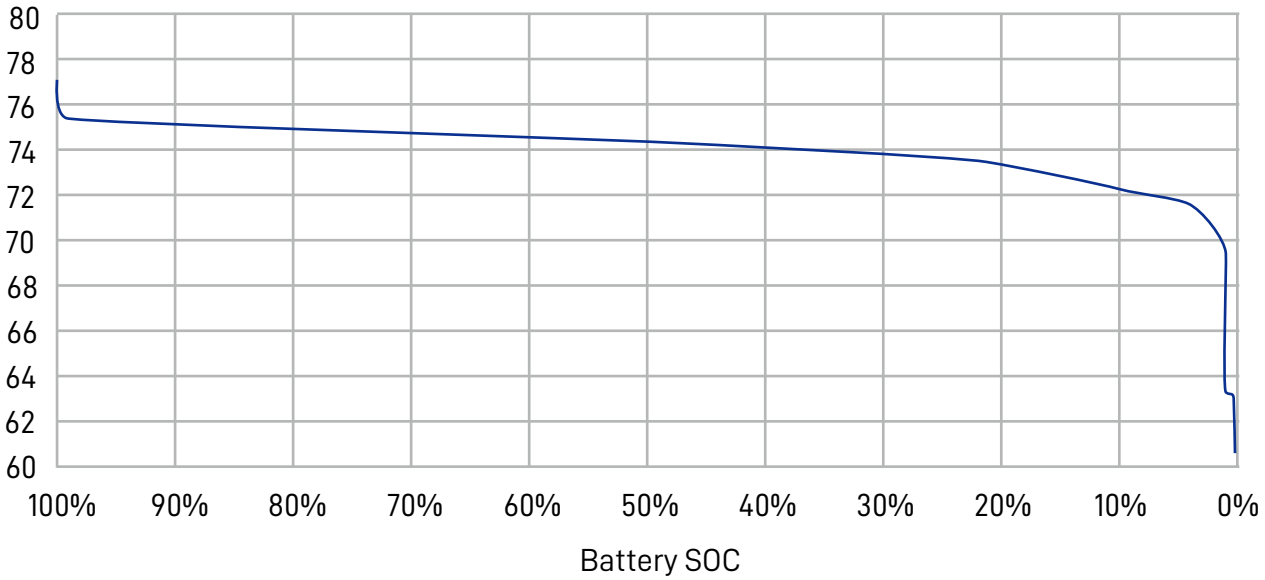
DIMENSIONS







Voltage Curve

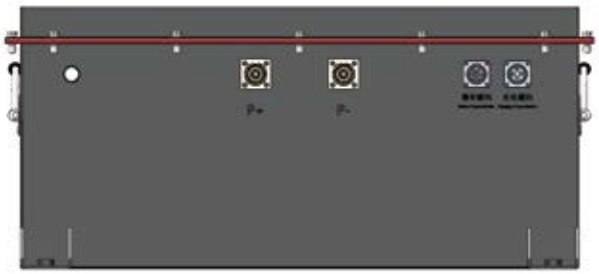


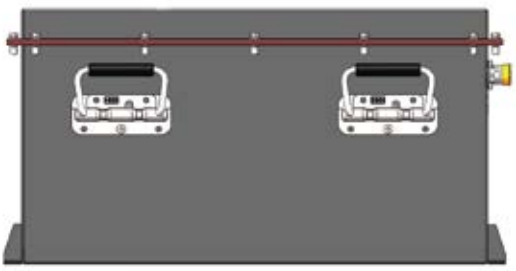
parameter

Nominal Voltage (V)	48
Nominal Capacity (Ah)	150
Rated Energy (kWh)	7.2
Cell Material Type	LiFePO4 (LFP)
Battery Case	Cold-rolled Steel
Battery Weight (kg)	71 ± 3
Energy Density (Wh/kg)	101.4
Maximum Dimensions (mm)	576×504×256 (±3)
Cooling Method	Natural Cooling
Protection Level	IP65

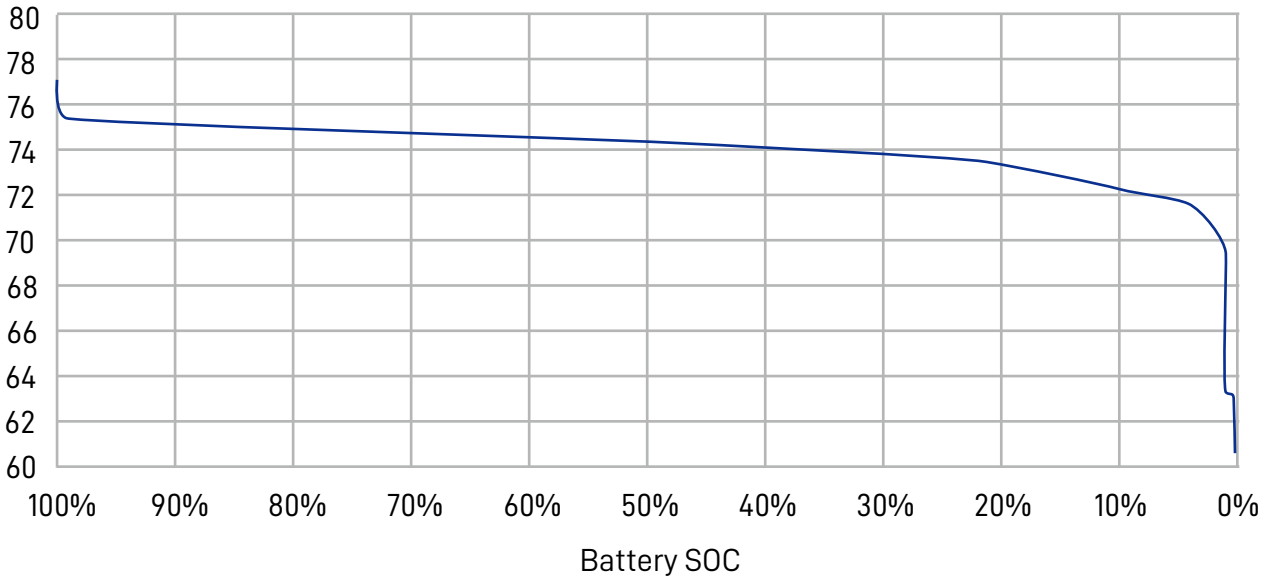
Operating Voltage Range (V)	37.5-54
Charging Voltage (V)	54
Charging Current (A)	⩽75
Charging Temperature (°C)	0-50
Discharging Current (A)	⩽150
Peak Discharge Current (A)	⩽300
Discharging Temperature(°C)	-20-60
Storage Temperature (°C)	0-35
Communication	1×CAN
Charging Method	Same Port
Precharge Function	None
Heating Function	None
Parallel Connection	Not Supported

DIMENSIONS





Voltage Curve

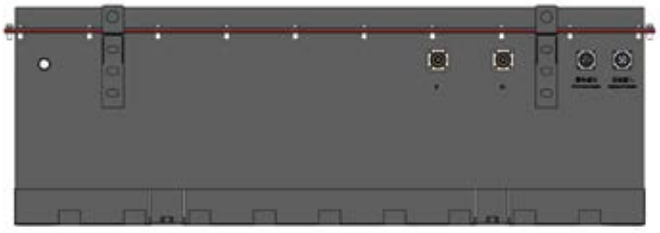


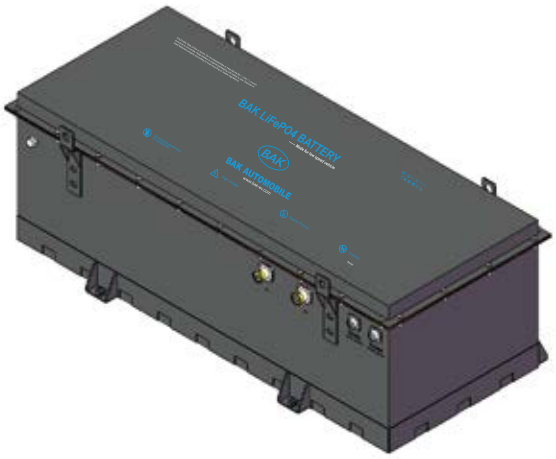
parameter

Nominal Voltage (V)	48
Nominal Capacity (Ah)	200
Rated Energy (kWh)	9.6
Cell Material Type	LiFePO4 (LFP)
Battery Case	Cold-rolled Steel
Battery Weight (kg)	100± 3
Energy Density (Wh/kg)	96
Maximum Dimensions (mm)	900×401×290 (±3)
Cooling Method	Natural Cooling
Protection Level	IP65

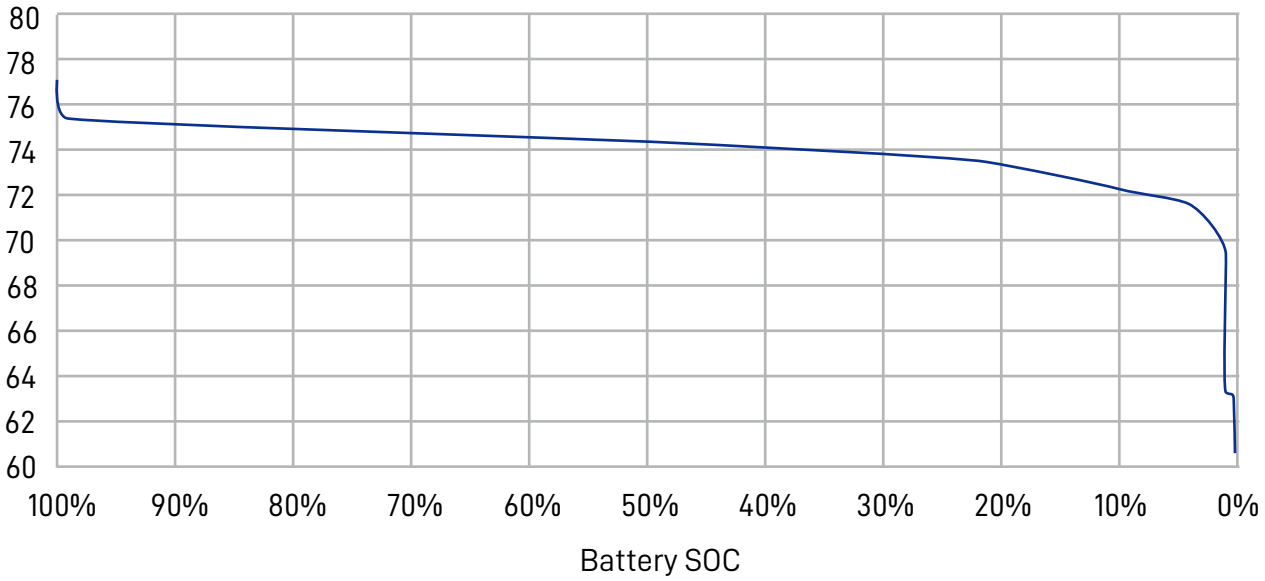
Operating Voltage Range (V)	37.5-54
Charging Voltage (V)	54
Charging Current (A)	⩽100
Charging Temperature (°C)	0-50
Discharging Current (A)	⩽200
Peak Discharge Current (A)	⩽400
Discharging Temperature(°C)	-20-60
Storage Temperature (°C)	0-35
Communication	1×CAN
Charging Method	Same Port
Precharge Function	None
Heating Function	None
Parallel Connection	Not Supported

DIMENSIONS





Voltage Curve

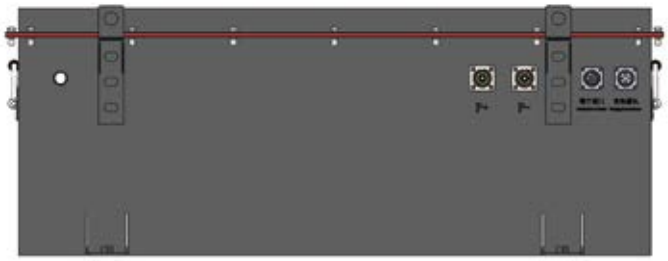


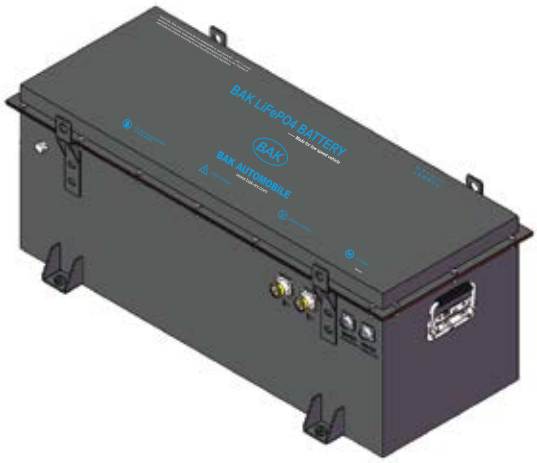
parameter

Nominal Voltage (V)	73.6
Nominal Capacity (Ah)	100
Rated Energy (kWh)	7.36
Cell Material Type	LiFePO4 (LFP)
Battery Case	Cold-rolled Steel
Battery Weight (kg)	54 ± 3
Energy Density (Wh/kg)	102.2
Maximum Dimensions (mm)	780×350×350 (±3)
Cooling Method	Natural Cooling
Protection Level	IP65

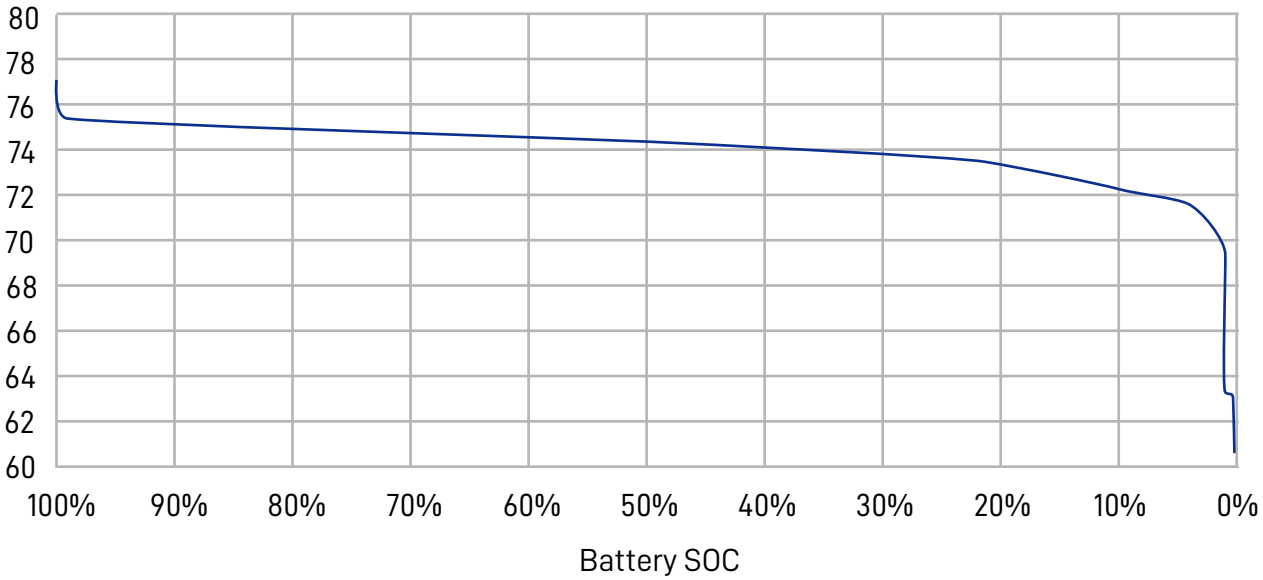
Operating Voltage Range (V)	57.5-82.8
Charging Voltage (V)	82.8
Charging Current (A)	⩽60
Charging Temperature (°C)	0-50
Discharging Current (A)	⩽100
Peak Discharge Current (A)	⩽200
Discharging Temperature(°C)	-20-60
Storage Temperature (°C)	0-35
Communication	1×CAN
Charging Method	Same Port
Precharge Function	None
Heating Function	None
Parallel Connection	Not Supported

DIMENSIONS





Voltage Curve



parameter

Nominal Voltage (V)	73.6
Nominal Capacity (Ah)	150
Rated Energy (kWh)	11.04
Cell Material Type	LiFePO4 (LFP)
Battery Case	Cold-rolled Steel
Battery Weight (kg)	102 ± 3
Energy Density (Wh/kg)	108.2
Maximum Dimensions (mm)	900×401×290 (±3)
Cooling Method	Natural Cooling
Protection Level	IP65
Operating Voltage Range (V)	57.5-82.8
Charging Voltage (V)	82.8
Charging Current (A)	⩽100
Charging Temperature (°C)	0-50
Discharging Current (A)	⩽200
Peak Discharge Current (A)	⩽400
Discharging Temperature(°C)	-20-60
Storage Temperature (°C)	0-35
Communication	1×CAN
Charging Method	Same Port
Precharge Function	None
Heating Function	None
Parallel Connection	Not Supported

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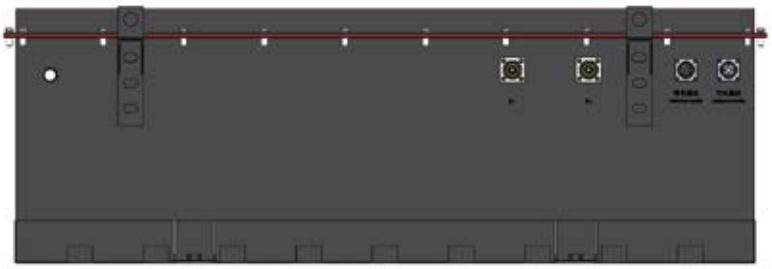
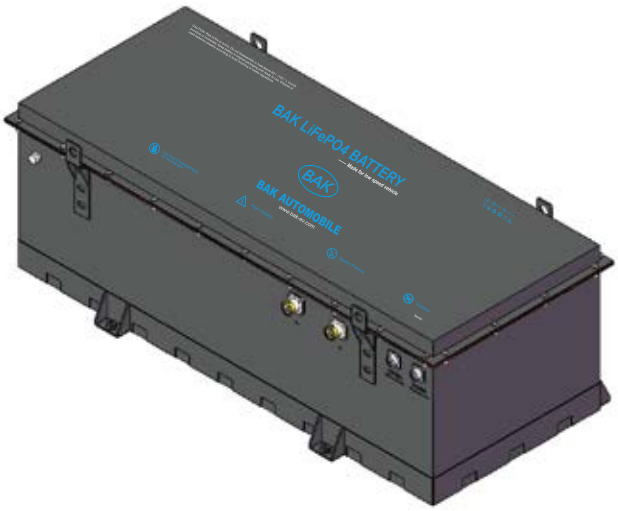
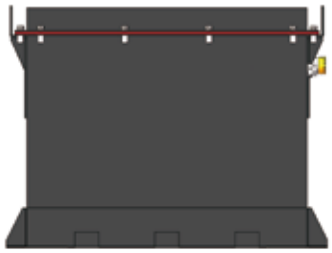
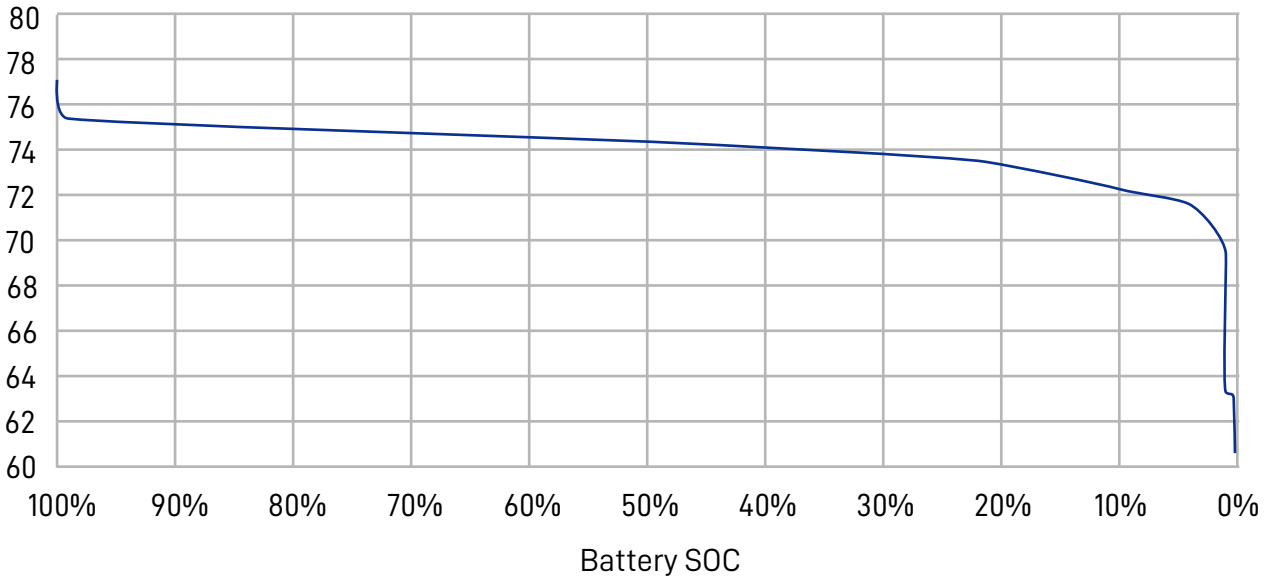






Voltage Curve



BAK LiFePO4 BATTERY

Do Not Disassemble or Incinerate

High Voltage

Sparks Flames

Children

NOTICE

- Before charging, please ensure that the vehicle or battery power is turned off, and do not touch exposed charging parts or the inside of the battery.
- Please keep the vehicle powered off or the battery power switch turned off during the charging process. Do not unplug the charging plug during the charging process.
- Unauthorized disassembly and modification of batteries are prohibited, and internal water ingress is prohibited.
- Do not drop or impact the battery from a height, and do not squeeze heavy objects.
- Do not step or hammer, and do not charge indoors.
- The battery should not be over discharged for a long time, and should be charged promptly when the battery level is low.
- Charging must be done using BAK's specialized and certified charging equipment.It is prohibited to use lead-acid battery chargers or fast charging stations for charging.
- If the battery is not used for a long time, please ensure that the battery level (SOC value) is not less than 60% store in a cool and dry place, and charge and discharge at least once every month.
- Avoid placing the battery near heat sources, open flames, flammable and explosive materials.

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