

EV – BATTERY

NOTE: WE OFFER CUSTOM SOLUTIONS TO MEET YOUR UNIQUE REQUIREMENTS



1 51.2V-100Ah



VOLTAGE : 51.2V

CAPACITY : 100Ah

ENERGY : 5.12kWh

CYCLE LIFE : ≥3000 CYCLES@1C 80% DOD

COMMUNICATION

COMMUNICATION : CAN

GENERAL SPECIFICATION

EFFICIENCY OF CHARGE : 100% @ 0.2C

EFFICIENCY OF DISCHARGE : 96-99% @ 1C

CHARGE CUT-OFF VOLTAGE : 0.2C CHARGE TO 58.4V, THEN 58.4V CHANGE TO 0.02C CUT-OFF

CHARGE CURRENT : 20A

MAX CHARGE CURRENT : 50A

DISCHARGE CUT-OFF VOLTAGE : 44V

CONTINUOUS DISCHARGE CURRENT : 90A

OPERATING TEMPERATURE : 0 °C TO 55 °C (32F TO 131F) @60±25% RELATIVE HUMIDITY

RELATIVE HUMIDITY : 5%~95%

CELL & METHOD : LITHIUM-IRON PHOSPHATE (LiFePO4)

PLASTIC CASE : IRON

DIMENSIONS : 505*333*254mm

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2 51.2V-150Ah



VOLTAGE : 51.2V

CAPACITY : 150Ah

ENERGY : 7.68kWh

CYCLE LIFE : ≥3000 CYCLES@1C 80% DOD

COMMUNICATION

COMMUNICATION : CAN

GENERAL SPECIFICATION

EFFICIENCY OF CHARGE : 100% @ 0.2C

EFFICIENCY OF DISCHARGE : 96-99% @ 1C

CHARGE CUT-OFF VOLTAGE : 0.2C CHARGE TO 58.4V, THEN 58.4V CHANGE TO 0.02C CUT-OFF

CHARGE CURRENT : 20A

MAX CHARGE CURRENT : 50A

DISCHARGE CUT-OFF VOLTAGE : 44V

CONTINUOUS DISCHARGE CURRENT : 90A

OPERATING TEMPERATURE : 0 °C TO 55 °C (32F TO 131F) @60±25% RELATIVE HUMIDITY

RELATIVE HUMIDITY : 5%~95%

CELL & METHOD : LITHIUM-IRON PHOSPHATE (LiFePO4)

PLASTIC CASE : IRON

DIMENSIONS : 544*457*248mm

EV – BATTERY

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3 60.8V-100Ah



VOLTAGE : 60.8V

CAPACITY : 100Ah

ENERGY : 6.0kWh

CYCLE LIFE : ≥3000 CYCLES@1C 80% DOD

COMMUNICATION

COMMUNICATION : CAN

GENERAL SPECIFICATION

EFFICIENCY OF CHARGE : 100% @ 0.2C

EFFICIENCY OF DISCHARGE : 96-99% @ 1C

CHARGE CUT-OFF VOLTAGE : 0.2C CHARGE TO 69.35V, THEN 69.35V CHANGE TO 0.02C CUT-OFF

CHARGE CURRENT : 20A

MAX CHARGE CURRENT : 50A

DISCHARGE CUT-OFF VOLTAGE : 52.25V

CONTINUOUS DISCHARGE CURRENT : 90A

OPERATING TEMPERATURE : 0 °C TO 55 °C (32F TO 131F) @60±25% RELATIVE HUMIDITY

RELATIVE HUMIDITY : 5%~95%

CELL & METHOD : LITHIUM-IRON PHOSPHATE (LiFePO4)

PLASTIC CASE : IRON

DIMENSIONS : 625*355*265mm

EV – BATTERY

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4 60.8V-150Ah



VOLTAGE : 60.8V

CAPACITY : 150Ah

ENERGY : 9.1kWh

CYCLE LIFE : ≥3000 CYCLES@1C 80% DOD

COMMUNICATION

COMMUNICATION : CAN

GENERAL SPECIFICATION

EFFICIENCY OF CHARGE : 100% @ 0.2C

EFFICIENCY OF DISCHARGE : 96-99% @ 1C

CHARGE CUT-OFF VOLTAGE : 0.2C CHARGE TO 69.35V, THEN 69.35V CHANGE TO 0.02C CUT-OFF

CHARGE CURRENT : 20A

MAX CHARGE CURRENT : 50A

DISCHARGE CUT-OFF VOLTAGE : 52.25V

CONTINUOUS DISCHARGE CURRENT : 90A

OPERATING TEMPERATURE : 0 °C TO 55 °C (32F TO 131F) @60±25% RELATIVE HUMIDITY

RELATIVE HUMIDITY : 5%~95%

CELL & METHOD : LITHIUM-IRON PHOSPHATE (LiFePO4)

PLASTIC CASE : IRON

DIMENSIONS : N/A