

# EV – BATTERY

NOTE: WE OFFER CUSTOM SOLUTIONS TO MEET YOUR UNIQUE REQUIREMENTS



1 51V-30Ah



VOLTAGE : 51.2V

CAPACITY : 30Ah

ENERGY : 1.53kWh

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 : 10A

MAX CHARGE CURRENT : 15A

DISCHARGE CUT-OFF VOLTAGE : 40V

CONTINUOUS DISCHARGE CURRENT : 30A

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 : 303\*185\*186mm