

MARS HOME VOLT-2.5 SERIES

25.6V-100Ah



VOLTAGE	: 25.6V
CAPACITY	: 100Ah (C5,25 °C)
ENERGY	: 2.56kWh
INTERNAL RESISTANCE	: $\leq 30m$
CYCLE LIFE	: ≥ 3000 CYCLES@1C 80% DOD

COMMUNICATION

COMMUNICATION	: RS485/CAN
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GENERAL SPECIFICATION

MONTHLY SELF DISCHARGE	: <3
EFFICIENCY OF CHARGE	: 100% @ 0.2C
EFFICIENCY OF DISCHARGE	: 96-99% @ 1C
CHARGE CUT-OFF VOLTAGE	: 29.2V \pm 0.2V
CHARGE CURRENT	: 20A
MAX CHARGE CURRENT	: 50A
DISCHARGE CUT-OFF VOLTAGE	: 20V
CONTINUOUS DISCHARGE CURRENT	: 100A
OPERATING TEMPERATURE	: 0 °C TO 55 °C (32F TO 131F) @60 \pm 25% RELATIVE HUMIDITY
RELATIVE HUMIDITY	: 5%~95%
CELL & METHOD	: LITHIUM-IRON PHOSPHATE (LiFePO4)
PLASTIC CASE	: IRON
DIMENSIONS	: 278*459*204mm
WEIGHT	: 28 KG