

MARS HOME VOLT-1.2 SERIES

12.8V-100Ah



VOLTAGE	:	12.8V
CAPACITY	:	100Ah (C5,25 °C)
ENERGY	:	1.2kWh
CYCLE LIFE	:	≥3000 CYCLES@1C 70% DOD (0.5C, 25 ±2C)
COMMUNICATION		
COMMUNICATION	:	RS485/CAN
GENERAL SPECIFICATION		
MONTHLY SELF DISCHARGE	:	<3
EFFICIENCY OF CHARGE	:	100% @ 0.2C
EFFICIENCY OF DISCHARGE	:	96-99% @ 1C
CHARGE CUT-OFF VOLTAGE	:	14.6V
CHARGE CURRENT	:	20A
MAX CHARGE CURRENT	:	50A
DISCHARGE CUT-OFF VOLTAGE	:	11V
CONTINUOUS DISCHARGE CURRENT	:	100A
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	:	333*260*169mm
WEIGHT	:	16 KG