



RLD 51.2V 5KWh All in One Solar System

UN38.3 MSDS CE



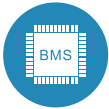
Sine Wave Output



Built-in MPPT



More than 6000 times deep cycle, high energy density and environmentally friendly



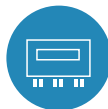
Built-in BMS



Certificate CE, UN38.3, MSDS



with AC Charger 80A

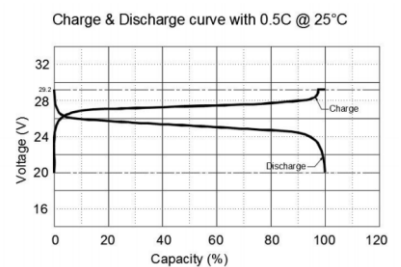
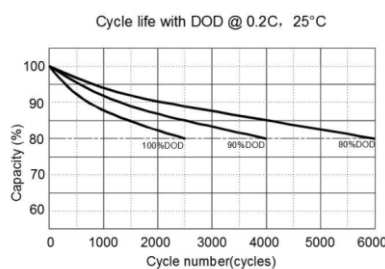


MPPT controller 80A



PV input 120- 450V

Performance Characteristics



Features

RLD 51.2V 5KWh

DC input

DC input 51.2V

Output

Output 220Vac
Output power 5000W
Output waveform Pure sine wave
Output frequency 50Hz
Peak Efficiency(battery Mode) > 94%

AC Input

Rated Input Voltage 220Vac
Frequency 50HZ / 60HZ (Auto Adaptive)

Charge

PV Charging Mode MPPT
MAX.PV Input Power 5500W
MAX.Charging Current 80A

Battery

Rated Capacity 100Ah
Discharge cut-off voltage 40V
Charging cut-off voltage 58.4V
Standard charge 100Ah
Standard discharge 100Ah
Maximum Charge Current 100Ah
Max Continuous Discharge Current 100Ah
Peak current 120A
Operation Temperature Range 0~55°C
Storage Temperature Range -10~35°C

Interface

Communication RS485/RS232
AC socket 1

Physics

Weight 35Kg
Max. Dimension Height:210mm * Width: 400mm * Length:650mm

Structural parts description

