

48V100Ah

LFP LI-ION BATTERY



RACK MOUNTED LI-ION BATTERY SPECIFICATION

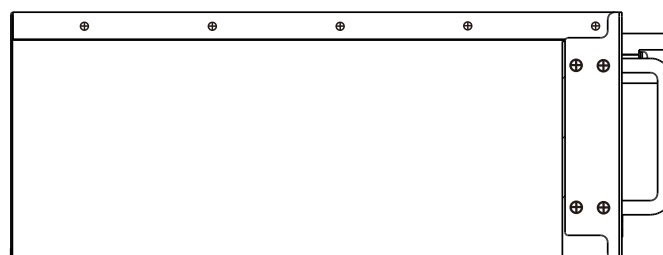
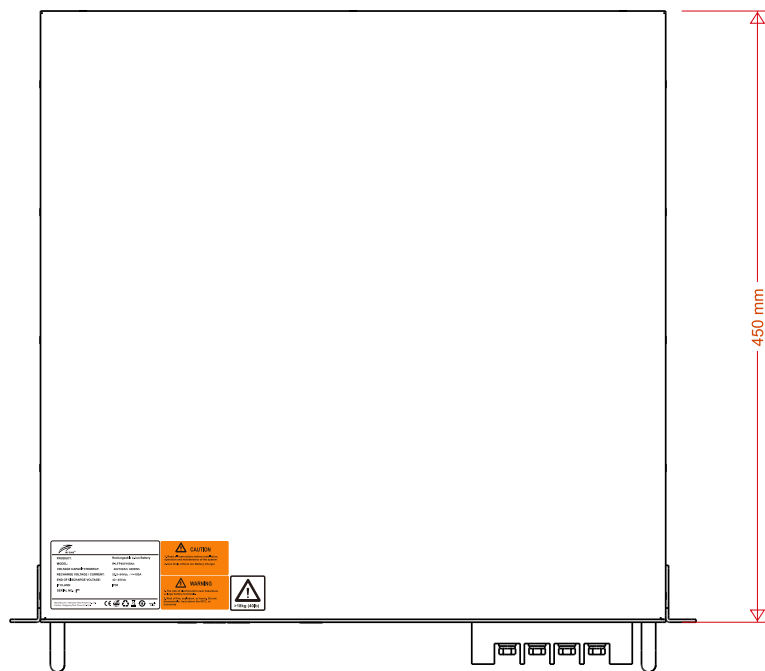
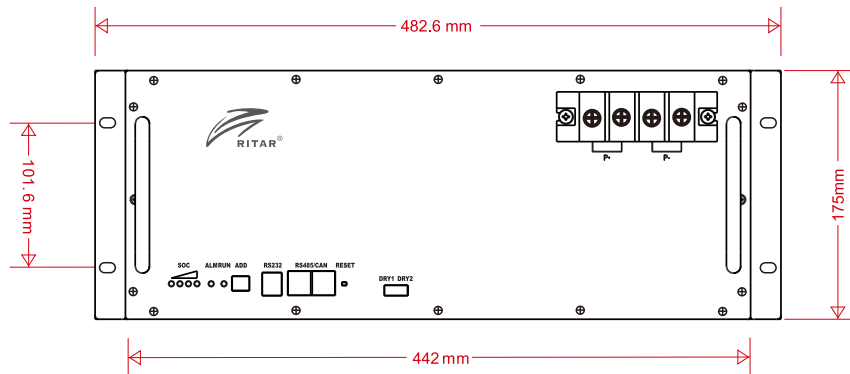
Part Number	8010480010001
Model	R-LFP48V100Ah
Cell Type	LFP Prismatic cell 50Ah
Internal Connection	2P15S
Nominal Voltage [V]	48.0
Nominal Capacity [Ah]	100
Total Energy [Wh]	4800
Dimension (W*D*H, mm)	442*450*175
Weight [Kg]	50
Max. Charging Current [A]	100
Max. Discharging Current [A]	100
Pulse Discharge Current	120A @1S
Charging Voltage [V]	52.5~54.0
End of Discharge Voltage [V]	42.0 (Backup Application) / 45 (Cycle Application)
Operation Humidity	0~95% RH (No condensing)
Operating Temperature Range	Charge: 0 ~ +50°C; Discharge: -20 ~ +55°C
Cycle Life	>3500
Designed Calendar Life	10 Years
Communication interface	RS232, RS485, CAN
Protection	Over voltage , Low voltage, Over current, Over Temperature, Low Temperature, Short circuit
Parallel Support	Yes, Max. 15 Sets
Series Support	Not support
Optional Parts	MCB; LCD display; Gyroscope Anti-theft; Gyroscope Anti-theft; SNMP module;

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R-LFP48V100Ah Dimension

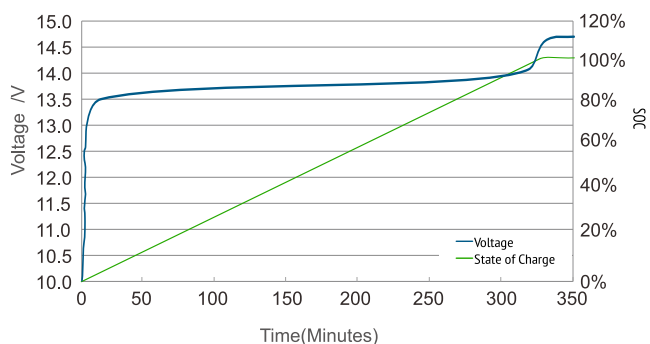
Part Number: 8010480010001



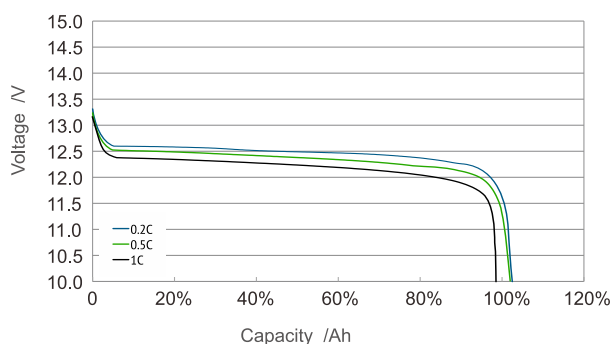


48V100Ah (R-LFP 48V100Ah)

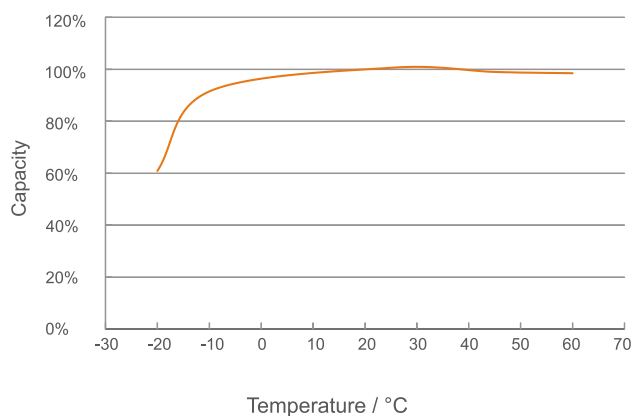
CHARGE VOLTAGE and STATE OF CHARGE(SOC) CHARGE 0.2C@25°C(77°F)



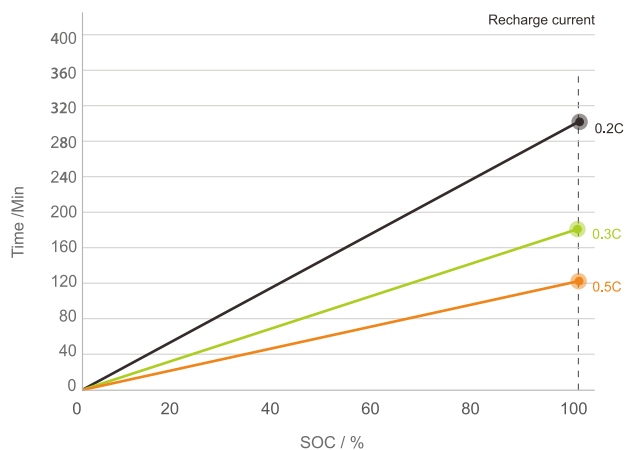
DISCHARGE VOLTAGE CHARACTERISTICS at VARIOUS RATES 25-C(77°F)



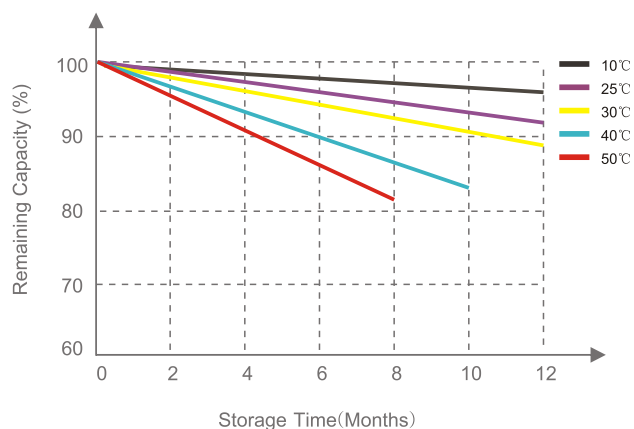
Capacity with Different Temperature



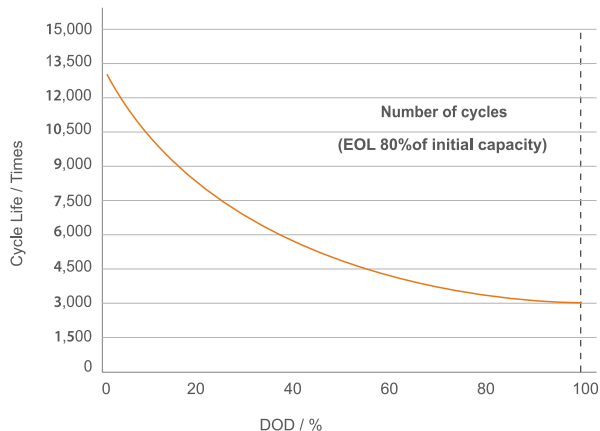
Typical Recharge Time



Different Temperature Self Discharge Curve



Typical Cycle Life



The datasheet is subject to change without prior notification

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