

48V / 51.2V



RACK MOUNTED LI-ION BATTERY (LONG LIFE)



SAFETY

- + Prismatic LFePO₄ cells, Longer cycle life and much more safety.
- + Low voltage system, safety for application.
- + IEC62133, UL, UN38.3 certification for cell.
- + UN38.3, CE certification for system.

DESIGN

- + Standard 19" rack design.
- + Flexible and easily installation.
- + -20~+55°C widely temperature range.
- + Maintenance free.

SCALABILITY

- + Parallel support for more energy.
- + Optional accessories for Anti-theft, remote monitoring purpose.

BATTERY MANAGEMENT SYSTEM (BMS)

- + Independent protection for charge and discharge.
- + SOC, SOH display and PC software for detailed operation.
- + OVP, LVP, OCP, OTP, LTP protection.
- + RS232, RS485, CAN communication port.

For more information, contact with: sales@ritarpower.com

51.2V

RACK MOUNTED LI-ION BATTERY

Specification

Model	R-LFP48V50Ah	R-LFP48V100Ah	R-LFP48V150Ah	R-LFP48V200Ah
Part Number	8110512005001	8110512010001	8110512015001	8110512020001
Nominal voltage [V]	51.2			
Nominal capacity [Ah]	50	100	150	200
Total energy [KWh]	2.56	5.12	7.68	10.24
Max. charging current [A]	50	100	100	100
Charging voltage [V]	55.2~58.4			
Max. discharging current [A]	50	100	100	100
End of discharge voltage [V]	44.8			
Product dimension [W*D*H]	442*400*133	442*450*175	442*520*182	442*450*175 442*450*175
Product weight [Kg]	28	51	62	101.5
Protection class	IP20			
Operating humidity	0-95 %RH (No condensing)			
Operating temperature range	Charge: 0 ~ +50 °C		Discharge: -20 ~ +55 °C	
Communication interface	RS232, RS485, CAN			
Cycle Life	>3500			
Protection	Over voltage (cell, system) , Low voltage (cell, system), Over current, Over Temperature(cell, BMS, ambient), Low Temperature (cell, ambient) Short circuit			
Certification	UN38.3, CE			
Parallel Support	Yes, Max. 16 Sets			
Optional Accessories	LCD Display, Gyroscope anti-theft, SNMP			

48V

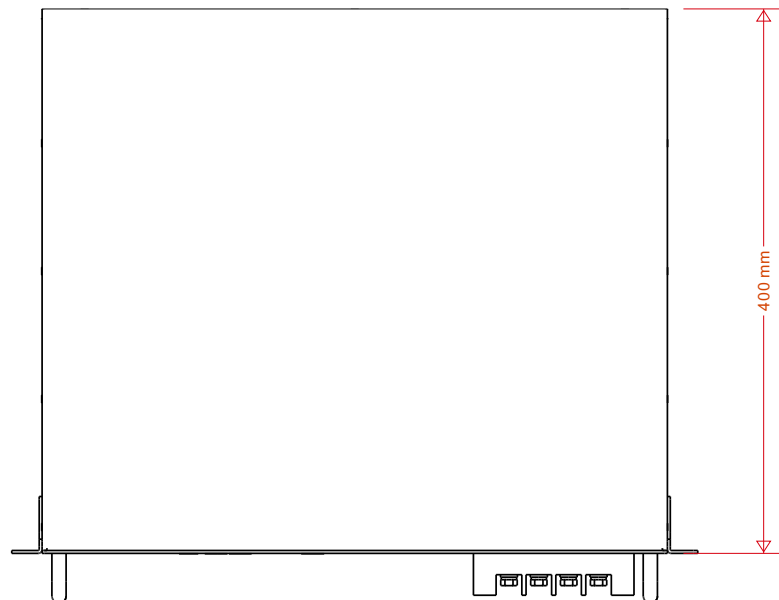
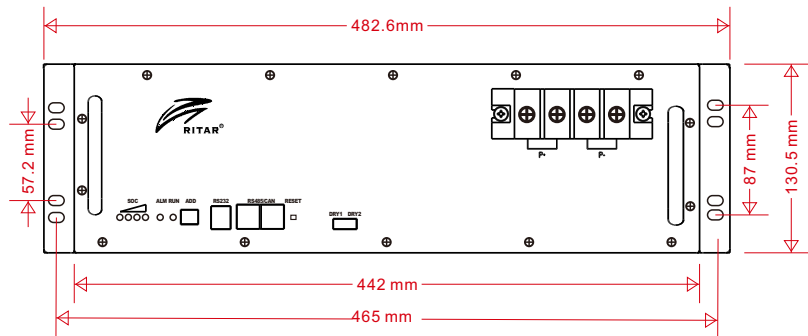
RACK MOUNTED LI-ION BATTERY

Specification

Model	R-LFP48V50Ah	R-LFP48V100Ah	R-LFP48V150Ah	R-LFP48V200Ah
Part Number	8110480005001	8110480010001	8110480015001	8110480020001
Nominal voltage [V]	48			
Nominal capacity [Ah]	50	100	150	200
Total energy [KWh]	2.40	4.80	7.20	9.60
Max. charging current [A]	50	100	100	100
Charging voltage [V]	51.8~54.7			
Max. discharging current [A]	100	100	100	100
End of discharge voltage [V]	42			
Product dimension [W*D*H]	442*400*133	442*450*175	442*520*182	442*450*175 442*450*175
Product weight [Kg]	26.7	48	60	95.5
Protection class	IP20			
Operating humidity	0-95 %RH (No condensing)			
Operating temperature range	Charge: 0 ~ +50 °C		Discharge: -20 ~ +55 °C	
Communication interface	RS232, RS485, CAN			
Cycle Life	>3500			
Protection	Over voltage (cell, system) , Low voltage (cell, system), Over current, Over Temperature(cell, BMS, ambient), Low Temperature (cell, ambient) Short circuit			
Certification	UN38.3, CE			
Parallel Support	Yes, Max. 16 Sets			
Optional Accessories	LCD Display, Gyroscope anti-theft, SNMP			

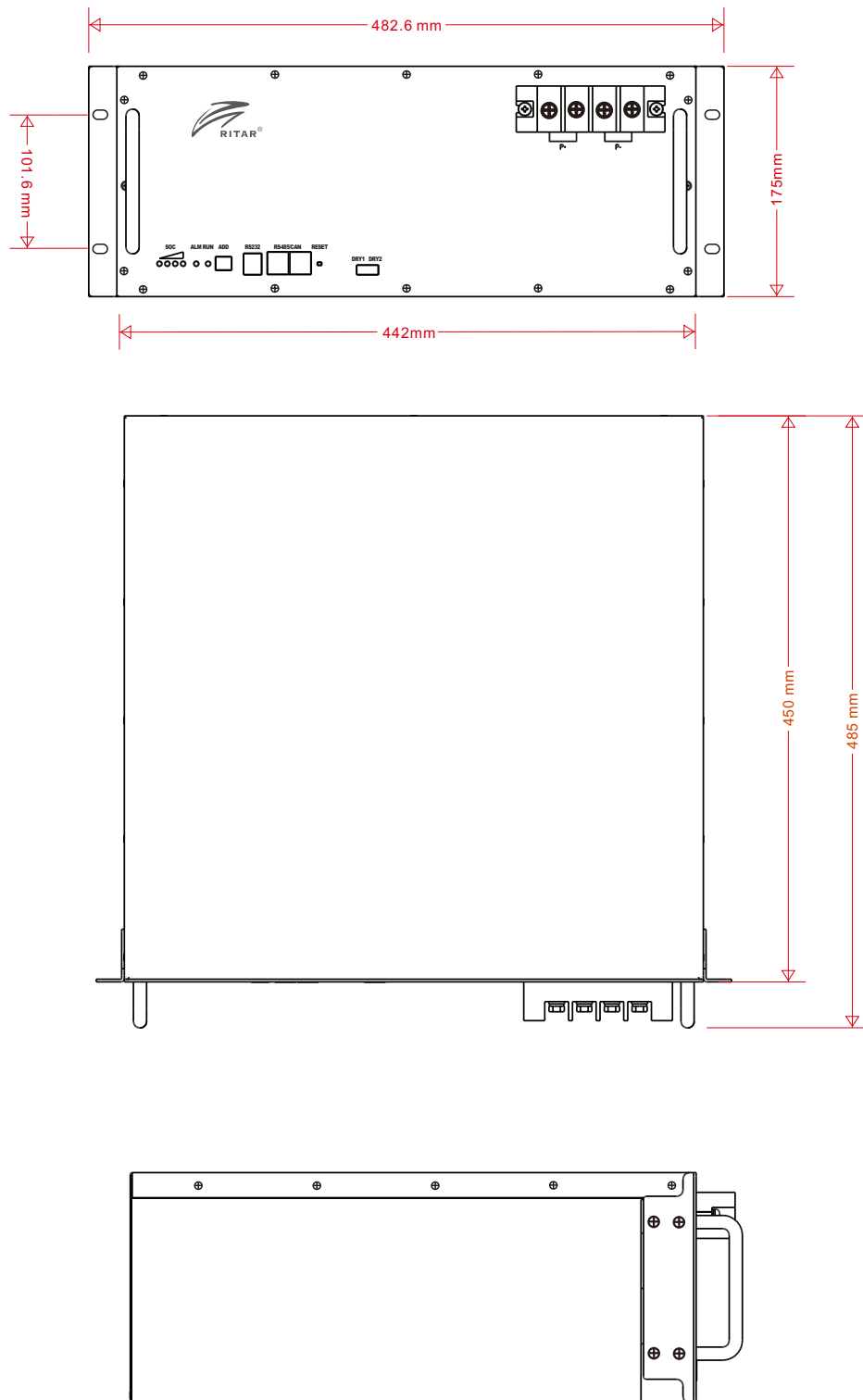
R-LFP48V50Ah Dimension

Part Number: 8110512005001
8110480005001



R-LFP48V100Ah Dimension

Part Number: 8110512010001
8110480010001



Part Number: 8110512015001
8110480015001



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R-LFP48V200Ah Dimension

Part Number: 8110512020001
8110480020001

