



**LITHIUM TECH**

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LITHIUM TECH

# 48V50Ah Lithium Battery



Model	R-LFP48V50Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	48 (V)
Nominal Capacity	50Ah (0.2C discharge)
Dimension	482*400*89 (mm)
Charge time (Recommended)	5h
Max. Voltage	54.75V $\pm$ 1.0V
Min. Voltage	37.5V $\pm$ 1.0V
Max Discharge Current	50A
Max Charge Current	50A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	RS232. RS485
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	27Kg



LITHIUM TECH

# 48V100Ah Lithium Battery



Model	R-LFP48V100Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	48 (V)
Nominal Capacity	100Ah (0.2C discharge)
Dimension	482*400*177 (mm)
Charge time (Recommended)	5h
Max. Voltage	54.75V $\pm$ 1.0V
Min. Voltage	37.5V $\pm$ 1.0V
Max Discharge Current	100A
Max Charge Current	100A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	RS232. RS485
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	41Kg



LITHIUM TECH

# 12V6Ah Lithium Battery



Model	R-LFP12V6Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	6Ah (0.2C discharge)
Dimension	151*65*95 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	6A
Max Charge Current	6A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	1.2Kg



LITHIUM TECH

# 12V9Ah Lithium Battery



Model	R-LFP12V9Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	9Ah (0.2C discharge)
Dimension	151*65*95 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	9A
Max Charge Current	9A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	1.5Kg



LITHIUM TECH

# 12V12Ah Lithium Battery



Model	R-LFP12V12Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	12Ah (0.2C discharge)
Dimension	151*89*92 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	12A
Max Charge Current	12A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	1.5Kg



LITHIUM TECH

# 12V18Ah Lithium Battery



Model	R-LFP12V12Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	18Ah (0.2C discharge)
Dimension	183*77*156 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	18A
Max Charge Current	18A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	2.3Kg



LITHIUM TECH

# 12V20Ah Lithium Battery



Model	R-LFP12V20Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	20Ah (0.2C discharge)
Dimension	183*77*156 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	20A
Max Charge Current	20A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	2.3Kg





LITHIUM TECH

# 12V22Ah Lithium Battery



Model	R-LFP12V22Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	22Ah (0.2C discharge)
Dimension	181*77*156 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	22A
Max Charge Current	22A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	3.1Kg



LITHIUM TECH

# 12V24Ah Lithium Battery



Model	R-LFP12V22Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	22Ah (0.2C discharge)
Dimension	181*76*170 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	24A
Max Charge Current	24A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	3.9Kg



LITHIUM TECH

# 12V33Ah Lithium Battery



Model	R-LFP12V33Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	33Ah (0.2C discharge)
Dimension	194*132*173 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	33A
Max Charge Current	33A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	3.5Kg



LITHIUM TECH

# 12V35Ah Lithium Battery



Model	R-LFP12V35Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	35Ah (0.2C discharge)
Dimension	194*132*172 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	35A
Max Charge Current	35A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	4.1 Kg



LITHIUM TECH

# 12V40Ah Lithium Battery



Model	R-LFP12V40Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	40Ah (0.2C discharge)
Dimension	197*161*169 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	40A
Max Charge Current	40A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	4.9 Kg



LITHIUM TECH

# 12V50Ah Lithium Battery



Model	R-LFP12V50Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	50Ah (0.2C discharge)
Dimension	230*127*191 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	50A
Max Charge Current	50A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	5.5 Kg



LITHIUM TECH

# 12V55Ah Lithium Battery



Model	R-LFP12V55Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	55Ah (0.2C discharge)
Dimension	230*127*191 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	55A
Max Charge Current	55A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	6 Kg



LITHIUM TECH

# 12V75Ah Lithium Battery



Model	R-LFP12V75Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	75Ah (0.2C discharge)
Dimension	256*165*210 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	75A
Max Charge Current	75A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	8.8 Kg





LITHIUM TECH

# 12V90Ah Lithium Battery



Model	R-LFP12V90Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	90Ah (0.2C discharge)
Dimension	305*169*210 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	90A
Max Charge Current	90A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	10.5 Kg



LITHIUM TECH

# 12V100Ah Lithium Battery



Model	R-LFP12V100Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	100Ah (0.2C discharge)
Dimension	330*173*216 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	100A
Max Charge Current	100A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	10.5 Kg



LITHIUM TECH

# 12V120Ah Lithium Battery



Model	R-LFP12V120Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	120Ah (0.2C discharge)
Dimension	406*173*236 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	120A
Max Charge Current	120A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	14.2 Kg



LITHIUM TECH

# 12V150Ah Lithium Battery



Model	R-LFP12V150Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	150Ah (0.2C discharge)
Dimension	483*170*240 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	150A
Max Charge Current	150A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	17.8 Kg



LITHIUM TECH

# 12V200Ah Lithium Battery



Model	R-LFP12V200Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	200Ah (0.2C discharge)
Dimension	521*238*219 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	200A
Max Charge Current	200A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	19 Kg



LITHIUM TECH

# 12V300Ah Lithium Battery



Model	R-LFP12V300Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	300Ah (0.2C discharge)
Dimension	521*268*225 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	300A
Max Charge Current	300A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	27 Kg



LITHIUM TECH

# 24V50Ah Lithium Battery



Model	R-LFP24V50Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	50Ah (0.2C discharge)
Dimension	328*172*220 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	50A
Max Charge Current	50A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	13.2 Kg



LITHIUM TECH

# 24V100Ah Lithium Battery



Model	R-LFP24V100Ah
Battery Type	Power Lithium (Lithium Iron Phosphate)
Customizable	Yes
Nominal Voltage	12.8 (V)
Nominal Capacity	100Ah (0.2C discharge)
Dimension	483*170*241 (mm)
Charge time (Recommended)	5h
Max. Voltage	14.6V $\pm$ 1.0V
Min. Voltage	10V $\pm$ 1.0V
Max Discharge Current	100A
Max Charge Current	200A
Security Certification	TÜV / CE / UN38.3 / TLC
Communication Port	/
Cycle life	4500 (0.2C Charge/ 0.2C discharge)
Weight (KG)	19 Kg





LITHIUM TECH

# Lithium Battery (Cells Introduction)

## Model:PF50



Nominal Capacity	50Ah@0.2C
Nominal Voltage	3.2V
Standard Charge	0.2 C to 3.65V CC/CV,0.02C
Standard Discharge	0.2 C to 2.5V
Min. Capacity	50Ah@0.2C
Internal Resistance	1.5(1KHZ AC) /mΩ
Energy Density	150Wh/kg
Cycle life	3000(0.2 charge/ 0.2 discharge, final capacity is 80% of initial capacity)
Security Certification	CE, TÜV, TLC, UL, ROHS



LITHIUM TECH

# Model:PF100



Nominal Capacity	100Ah@0.2C
Nominal Voltage	3.2V
Standard Charge	0.2 C to 3.65V CC/CV,0.02C
Standard Discharge	0.2 C to 2.5V
Min. Capacity	100Ah@0.2C
Internal Resistance	0.8(1KHZ AC) /mΩ
Energy Density	150Wh/kg
Cycle life	3000(0.2 charge/ 0.2 discharge, final capacity is 80% of initial capacity)
Security Certification	CE, TÜV, TLC, UL, ROHS



LITHIUM TECH

# Model:PF32650



Nominal Capacity	6Ah@0.2C
Nominal Voltage	3.2V
Standard Charge	0.2 C to 3.65V CC/CV,0.02C
Standard Discharge	0.2 C to 2.5V
Min. Capacity	6Ah@0.2C
Internal Resistance	9(1KHZ AC) /mΩ
Energy Density	150Wh/kg
Cycle life	3000(0.2 charge/ 0.2 discharge, final capacity is 80% of initial capacity)
Security Certification	CE, TÜV, TLC, UL, ROHS