

# TRLiF(P) Series

Rechargeable Li-ion Battery-Industrial Battery-LFP Series



## Product Features



Cylindrical LFePO<sub>4</sub> cell-26650/32700 (3.2V 3.0~6.3Ah), higher reliability



Fully replaceable with current batteries (Lead-acid, Ni-Cd)



Maintenance free with standard 19" design easy installation



Longer cycle life 3500 cycles@80%DOD.



Lithium iron phosphate technology, safe and reliable.



Optimum adaptation to variety applications with series & parallel expansion support

## Product Application



UPS



Signal



EPS



Solar Power



Base Station



Electric Vehicle



Other power supply

## Product Specification

TN Model	Nominal Voltage	Nominal Capacity	Nominal Energy	Length	Width	Height	Total Height	Weight	Terminal	Internal Resistance	Self Discharge	Cycle Life
TRLiF-1206C	12.8V	6Ah	76.8Wh	90mm	70mm	101mm	107mm	0.75Kg	F2	70≤mΩ	≤3.5%	2000 Cycles
TRLiF-1206P	12.8V	6Ah	76.8Wh	151mm	65mm	94mm	100mm	0.8Kg	F2	70≤mΩ	≤3.5%	2000 Cycles
TRLiF-1207P	12.8V	7Ah	89.6Wh	151mm	65mm	94mm	100mm	1.06Kg	F2	90≤mΩ	≤3.5%	2000 Cycles
TRLiF-1209P	12.8V	9Ah	115.2Wh	151mm	65mm	94mm	100mm	1.34Kg	F2	80≤mΩ	≤3.5%	2000 Cycles
TRLiF-1212P	12.8V	12Ah	153.6Wh	151mm	98mm	95mm	101mm	1.5Kg	F2	70≤mΩ	≤3.5%	2000 Cycles
TRLiF-1224P	12.8V	24Ah	307.2Wh	181mm	77mm	167mm	167mm	2.9Kg	M5	60≤mΩ	≤3.5%	2000 Cycles
TRLiF-1230P	12.8V	30Ah	384Wh	165mm	175mm	125mm	125mm	3.7Kg	M5	55≤mΩ	≤3.5%	2000 Cycles
TRLiF-1233P	12.8V	33Ah	422.4Wh	195mm	132mm	170mm	175mm	4.9Kg	M6	55≤mΩ	≤3.5%	2000 Cycles
TRLiF-1242P	12.8V	42Ah	537.6Wh	197mm	165mm	170mm	170mm	5.7Kg	M6	50≤mΩ	≤3.5%	2000 Cycles

# TRLiF(M) Series

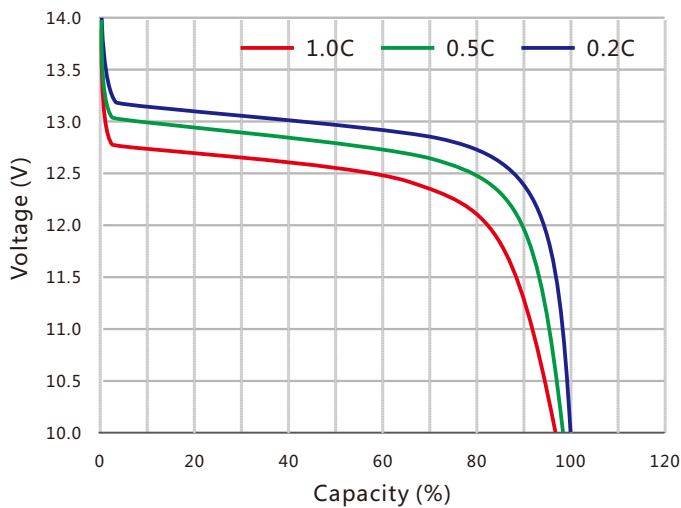
Rechargeable Li-ion Battery-Industrial Battery-LFP Series



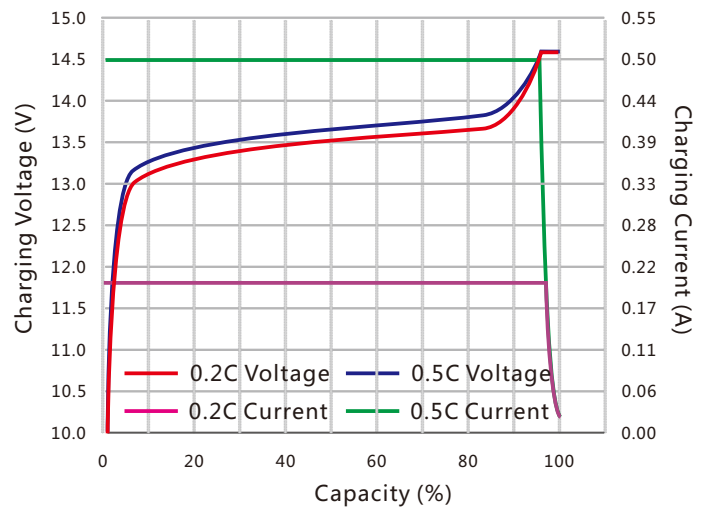
## Product Specification

TN Model	Nominal Voltage	Nominal Capacity	Nominal Energy	Length	Width	Height	Total Height	Weight	Terminal	Internal Resistance	Self Discharge	Cycle Life
TRLiF-1254P	12.8V	54Ah	691.2Wh	229mm	138mm	212mm	217mm	6.7Kg	M6	50≤mΩ	≤3.5%	2000 Cycles
TRLiF-1284P	12.8V	84Ah	1075.2Wh	260mm	169mm	213mm	218mm	10.2Kg	M8	45≤mΩ	≤3.5%	2000 Cycles
TRLiF-12100P	12.8V	100Ah	1280Wh	328mm	172mm	215mm	220mm	13.1Kg	M8	45≤mΩ	≤3.5%	2000 Cycles
TRLiF-12150P	12.8V	150Ah	1920Wh	483mm	170mm	240mm	240mm	19.2Kg	M8	40≤mΩ	≤3.5%	2000 Cycles
TRLiF-12200P	12.8V	200Ah	2560Wh	522mm	238mm	218mm	220mm	7Kg	M8	35≤mΩ	≤3.5%	2000 Cycles

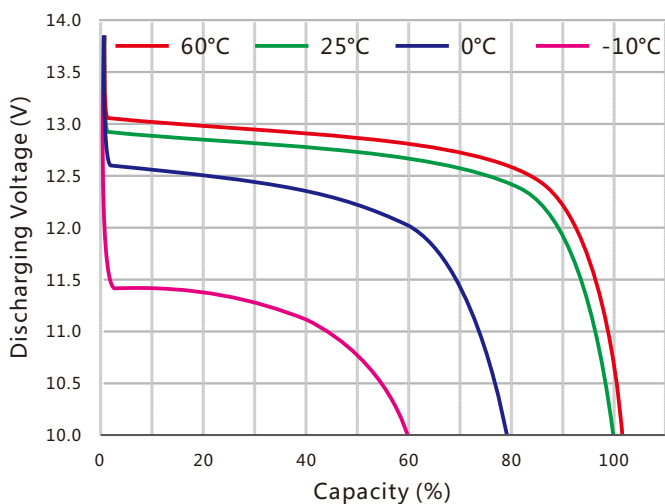
### Discharging curve at different rate @25°C



### Charging Characteristic @25°C



### Capacity under different Temp.



### Cycle Life under different DOD@0.2C,25°C

