

TRLiF(P) Series

Rechargeable Li-ion Battery-Industrial Battery-LFP Series



Product Features



Cylindrical LFePO₄ 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

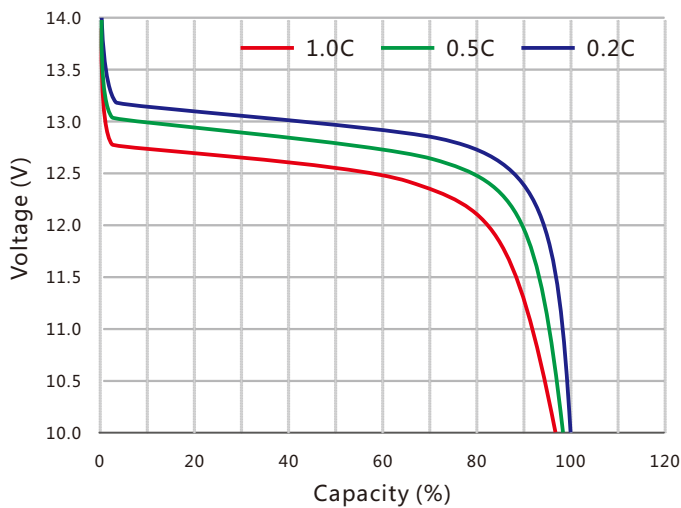
Rechargeable Li-ion Battery-Industrial Battery-LFP Series



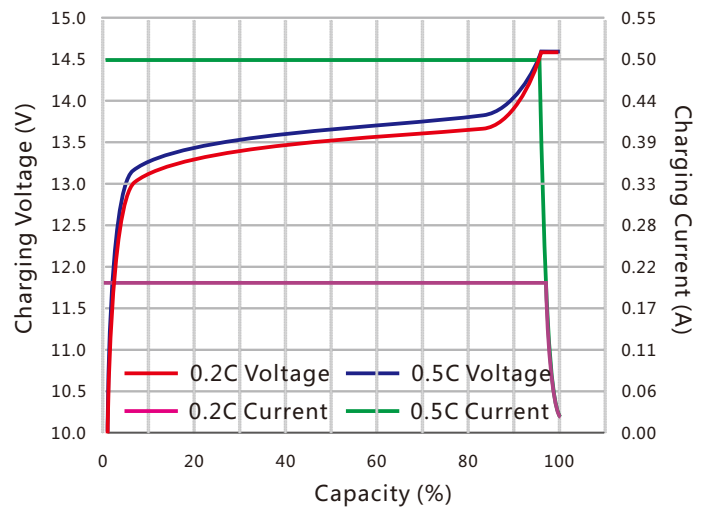
Product Specification

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

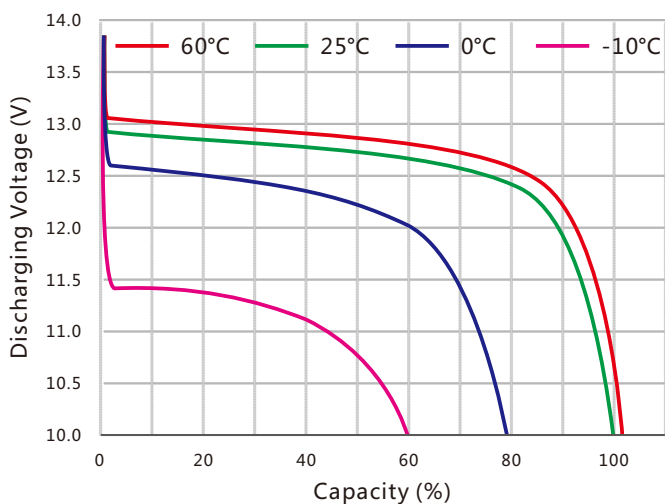
Discharging curve at different rate @25°C



Charging Characteristic @25°C



Capacity under different Temp.



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

