



# Telecom Lithium-ion Battery



## Product Features

- High density, high safety, and long life lithium iron phosphate battery cells
- Dedicated BMS, more intelligent, and protection strategy more suitable for backup use of base stations
- Modular design, supporting 16 parallel devices, with more flexible capacity selection
- Support dry contact control, gyroscope anti-theft, and more comprehensive security strategy
- Support GPS anti-theft and LCD display screen options, and expansion of the SNMP communication interface
- Comprehensive battery management effectively improves battery life and safety

Items/Product	SRP-TEL-BAT-48100	SRP-TEL-BAT-48150	SRP-TEL-BAT-48200
Series & Parallels(Cell)	1P&15S	1P&15S	1P&15S
Nominal Voltage (V)	48	48	48
Nominal Capacity (Ah)	100	150	200
System Energy (kWh)	4.8	7.2	9.6
Nominal Ch / Discharge Current(A)	20	30	40
Max. Discharge Current(A)	100	100	100
Max. Charge Current(A)	50	50	50
Operating Voltage Range(V)	41.5~54	41.5~54	41.5~54
Cycle Life	"Charge at 0.3C and discharge at 0.3C 80%,Recoverable capacity ≥80% after 2000 cycles"		
Max. Parallels	16		
Anti-theft Function	Gyroscope anti-theft		
Communication Function	RS485/Dry contact		
LCD Display	Optional configuration		
Shell Material	Sheet metal chassis		
Ingress Protection Rating	IP20		
Operating Temperature(°C)	-20~55		
Max. Operating Altitude(m)	2000		
Dimension (W*D*H mm)	442*430*133	442*450*200	442*500*223
Max. Weight (kg)	~39	~53	~79

