

- Lead Acid Battery
- Lithium Ion Battery
- Accessories
- Drone

## TL-LFP Series



### Range summary

TL-LFP Series Lithium-ion Battery is a series of 48V battery packs utilizing advanced LiFePO4 (Lithium Iron Phosphate) technology and smart integrated BMS with the benefits of long cycle life, light in weight and compact in size, safety and environmental friendly. TL-LFP Series Lithium-ion Battery can be used for a variety of indoor or outdoor applications.

### Features and Benefits

**High energy density:**

light weight, saving space.  
Delivers up to 3X the energy density of conventional lead acid batteries.

**Long cycle life:**

Proven LiFePO4 chemistry, maximum cycle life for deep cycle and hybrid application.  
5000+ cycles at 80%DOD.

**Fast charge capability**

**Integrated Battery Manage System(BMS):**

Protect internal cells from overcharge, over-discharge, high current, etc. ensure battery safety and reliability.  
Equalization and balance each cell, prolong battery life.  
Intelligent monitors, remote measure, remote communication, remote control by RS485

**Support parallel connection to increase capacity**

LED status and alarm indication

Maintenance free

### Applications

- Telecom
- UPS systems
- Energy storage

### Technical Features

Model No.	Nominal Voltage (V)	Nominal Capacity (Ah)	Dimension (mm)			Weight (±2kg)
			Width	Depth	Height	

		@25±2°C 0.2C				
VHR TL4850LFP	48.0	50	440	390	132 (3U)	27.0
VHR TL48100LFP-3U	48.0	100	440	530	132 (3U)	46.0
VHR TL48100LFP-4U	48.0	100	440	440	176 (4U)	48.0
VHR TL48150LFP	48.0	150	440	480	222 (5U)	66.0
VHR TL48150LFP-4U	48.0	150	440	535	177 (4U)	68.0
VHR TL48200LFP-5U	48.0	200	440	550	222 (5U)	78.0

ABOUT US	APPLICATIONS	PRODUCTS	SOLUTIONS	SERVICE	CONTACT US
Company Profile	Reserve Power	Lead Acid Battery	HRESYS ESS	FAQS	Contact Information
Our Values	Energy Storage	Lithium Ion Battery	Telecom Power System	Technical Support	Global Presense
Honors & Certificates	Motive Power	Accessories	IDC Power Solution	Customer Service	Enquiry
News & Events	SLI Battery	Unmanned Ariel Vehicles	HRESYS EMS		Partnership
			BMS		

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