



EXTREME WEATHER ALUMINUM LIFEPO4 BATTERY

12V - 24VDC

10AH - 200AH

-30°C to +60°C (-22°F - +140°F)

TSBAT12-10L-WT

12V - 10AH



TSBAT12-50L-WT

12V - 50AH



TSBAT24-200L-WT

24V - 200AH



Intelligent Operation

On-board BMS ensures equal cell charging, efficient operation and performance



Wide-temp Charging

Unlike standard LiFePO4 batteries, these accept a charge from **-30°C to +60°C (-22°F - +140°F)**



Safeguard Features

Overcharge & over-discharge protection, safeguarding your system and extending lifespan



User Friendly

Bluetooth interface and mobile app - perfect for remote systems

Tycon® Wide Temp LiFePO4 Batteries

SPECIFICATIONS:

Model	TSBAT12-10L-WT	TSBAT12-50L-WT	TSBAT24-200L-WT
Nominal Voltage	12.8Vdc	12.8Vdc	25.6 Vdc
Nominal Capacity	10.8 Ah / 138 Wh	50.4 Ah / 645 Wh	200 Ah / 5120 Wh
Charge Voltage	14.6Vdc	14.6Vdc	29.2Vdc
Charge Current	1.62A (-30°C ~ +60°C)	10A (-30°C ~ +60°C)	40A (-30°C ~ +60°C)
Max Discharge Current	5.4 A	25A	100 A
Low Voltage Disconnect	8.8Vdc	8.8Vdc	17.6 Vdc
Estimated Lifespan	3000 cycles / 8 years	3000 cycles / 8 years	4000 cycles / 10 years



**Wide-Temp
Charging**



**Intelligent
BMS**



***No DC Heater
Required***

**Check out all
Lithium Batteries here:**



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