



AMERICAN
TECHNOLOGY

A Product By **TESLA**
POWER USA



LiFePO4 ENERGY STORAGE SYSTEM

RELIABLE POWER. SMARTER ENERGY. SUSTAINABLE FUTURE

APPLICATION

- Residential Solar Backup Systems
- Commercial & Industrial Storage
- RV, Marine & Off-Grid Applications
- Telecom, Banking, UPS & Backup Systems
- Solar + Wind Renewable Integration



Modular design, easy for Installation and Capacity Expansion



Built-in intelligent BMS to protect the battery module for optimum usage



Longer Life span than traditional lead acid or lithium-ion batteries



Lower Maintenance cost and replacement cost with reduce risk of failure



Dustproof and Waterproof design to avoid corrosion



www.tpuenergy.com



Why Switch to LiFePO₄?

- ✓ Ultra-Long Life having 10+ years, 3000–5000 cycles
- ✓ Top-Tier Safety, No thermal runaway or fire risk
- ✓ Fast Charging, can charge up to 4x faster than lead-acid
- ✓ Lightweight & Compact with Slim design, easy to install
- ✓ Eco-Friendly & Recyclable to Reduce carbon footprint

LiON MAX - HOME ENERGY STORAGE

Sl. No.	Part No.	Volt	Ah	Battery Size L*W*H (mm)	Weight (KG)	Cartin size (mm)
1	TPU-LiON-100	48V	100	500*450*200	41	550*500*250
2	TPU-LiON-150	48V	150	550*450*260	63	600*500*210
3	TPU-LiON-200	48V	200	820*415*230	83	870*465*280

LiON MAX - ENERGY STORAGE WALL BOX

Sl. No.	Part No.	Volt	Ah	Battery Size L*W*H (mm)	Weight (KG)	Cartin size (mm)
1	TPU-LiON-100	48V	100	620*430*200	41	550*500*250
2	TPU-LiON-150	48V	150	600*420*245	63	600*500*210
3	TPU-LiON-200	48V	200	750*420*230	83	870*465*280