

PYLONTECH UP2500

24v, 2.84kWh Rack-Mount LiFePO4 Battery



Features

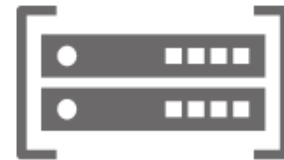


- Advanced BMS monitors and protects from over-charge/discharge, excess current and high/low temperatures, while managing the allow to charge/discharge state, balance, and voltage of each individual cell.
- CAN bus protocol for closed-loop communication.
- Seamless integration with Victron GX devices.
- Long life span, offering up to 6,000 cycles at 90% depth of discharge.
- Stack up to 20 units in parallel for 56.8kWh.
- Native 24v for easy mobile usage.
- Robust 7-year warranty.



Backwards Compatible

Future compatibility is ensured. Upgrade capacity by simply adding a new model to your existing bank.



Standard Rack Sizing

Integral mounting tabs ensure compatibility with standard 19" server racks.

UP2500 Technical Parameters

Nominal Voltage (vdc)	25.6
Discharge Voltage (vdc)	23.2 - 28.5
Charge Voltage (vdc)	28.2 - 28.5
Nominal Capacity (Wh)	2840
Depth of Discharge	90%
Usable Capacity (Wh)	2550
Short Current/Duration	<2000A/1ms
Charge/Discharge Current (A)	
Recommended	55
Max. Continuous	85
Peak 2	100@15sec
Working Temperature	
Charge	32-122°F
Discharge	14-122°F
Shelf Temperature	-4-140°F
Communication Port	RS485, CAN
Single String Quantity (pcs)	20
Humidity	5%-95%
Altitude	<6,562'
Design Life	10+Years @ 77°F
Cycle Life	>6,000 @ 77°F
Dimensions (w/d/h)	17.4 "x 16.14" x 4.72"
Weight	60.6lb
Certification	IEC62619/ CE/ RoHS/ UN38.3