

Tyon+F2

Stacked LiFePO4 Battery



Product Overview

This product adopts a modular design with flexible capacity, easy installation, and easy expansion. The system is equipped with an intelligent BMS system, supports remote monitoring and upgrade, and has high safety and long cycle life. It is widely used in household energy storage, small commercial energy storage, and other scenarios, providing reliable power support for clean energy applications.

Product Features

- The PACK information is communicated with the inverter using a standard protocol.
- The modular design makes it easy for one person to install.
- High compatibility with mainstream inverter brands.
- Multiple protection mechanisms ensure system safety.
- Multiple machines in parallel, with a maximum support of 8 batteries.

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Specifications

Model	GLV1-P10	GLV1-P15	GLV1-P20	GLV2-P20	GLV2-P30	GLV2-P40
Battery Model	48100			48200		
Battery Rated Energy (kWh)	4.8			9.6		
Battery Nominal Voltage (V)	48					
Number of Battery Modules	2	3	4	2	3	4
Battery Usable Energy (kWh)	9.6	14.4	19.2	19.2	28.8	38.4
Maximum Number of Batteries in Parallel	8					
Operating Voltage Range (V)	42 ~ 54.75					
Recommended Charge Voltage (V)	51.75					
Recommended Discharge Cut-off Voltage (V)	45					
Maximum Charge Current (A)	0.5C					
Maximum Discharge Current (A)	0.5C					
Dimensions (W*D*H) (mm)	425*700*672	425*700*864	425*700*1056	479*700*848	479*700*1128	479*700*1408
Net Weight (kg)	145	199	254	228	324	420
Communication Protocol	CAN/485/RS485					
Operating Temperature (°C)	-30 ~ 60 (Charge 10 ~ 35)					
Storage Temperature (°C)	-20 ~ 65 (Charge 10 ~ 35)					
Humidity (%RH)	< 85					
Protection Rating	IP20					
Cooling Method	Natural Cooling					
Cycle Life	≥ 5000					
Safety Standard	CE,UN38.3,MSDS					

Note: The above data are from new batteries. Actual performance may vary depending on the battery's usage environment.



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