

UE-H Series 48Li3600V2 LITHIUM IRON PHOSPHATE



Advantages

- Developed with our own LFP (lithium iron phosphate) cell to ensure the highest safety.
- Self-designed BMS protects the cell in all angels such as abnormal temperature, current, voltage, SoC, SoH.
- Vertical industry integration ensures more than 6000 cycles with 95% DoD.
- Modular design gives the end customers the power of choice of capacity.
- Compatible with most of the available Hybrid inverters.
- Simple buckle fixing minimize the installation time and cost.
- Backward compatibility with existing UE-H series product.
- Pre-charge function to protect ESS system from surge current.

Specifications

Nominal Voltage (V)	48
Nominal Capacity (Wh)	3552
Usable Capacity (Wh)	3374.4
Dimension (mm)	442*420*132
Weight (kg)	32
Discharge Voltage (V)	44.5 ~ 53.5
Charge Voltage (V)	52.5 ~ 53.5
Charge / Discharge Current (V)	37 (Recommend)
	74 (Max)
	90 (Peak@15s)
Communication Port	RS485, CAN
Single string quantity (pcs)	16
Working Temperature	0°C ~ 50°C
Shelf Temperature	-20°C ~ 60°C
Humidity	5% ~ 95%
Altitude (m)	< 2000
Design Life	15 Years (25°C / 77°C)
Cycle Life	> 6000, 25°C
Authentication Level	VDE2510-50 / IEC62619 / UL1973 / UL9540A CE / UN38.3
Feature	Pre-Charge Dual-active protection Flexible current steps Dry contact wake up

