

High Voltage Battery

HT5000

YelonESS



-  Brand new A-grade LFP cells by world-renowned supplier.
-  Using the self-developed BMS makes the battery more stable.
-  A cycle life of 6000, 10 years of service life and 20 years of design life.
-  IP65-rated, the battery can be installed both indoors and outdoors.
-  Up to 3 batteries(14.4 kWh) can be used in one system.
-  The quick self-guided connectors of the modules enable fast and fool-proof installation.
-  Check the real-time status and data of the batteries on YelonESS APP.

Model		HT5000		
Main Parameter				
Cell Chemistry	LiFePO ₄			
Module Energy [kWh]	4.8			
Module Nominal Voltage [V]	96			
Module Capacity [Ah]	50			
Battery Module Qty in Series [Optional]	1	2	3	
System Nominal Voltage [V]	96	192	288	
System Operating Voltage [V]	84~324			
System Energy [kWh]	4.8	9.6	14.4	
Charge/Discharge Current [A] ^[1]	Recommend	25		
	Nominal	50		
	Peak [15S, 25°C]	60		
Working Temperature [°C]	Charge: 0~50/ Discharge: -15~50			
LCD Display	5 LED(SOC20%~SOC100%); 2 LED(working, alarming)			
Communication Port	CAN/RS485			
Humidity	5%~90%			
Altitude	≤4000m			
IP Rating	IP65			
Storage Temperature [°C]	0~35			
Dimension [WxHxD mm]	600×865±5×250	600×1295×250	600×1725×250	
Weight [kg]	89.5	149.5	209.5	
Installation	Floor-mounted			
Max. Depth of Discharge	95%			
Cycle Life	≥6000(25°C±2°C, 0.2C/0.2C, 80%DOD, 70%EOL)			
Warranty ^[2]	10 years			
Certification	CE/UN38.3			

[1] The current is affected by temperature and SOC.

[2] The warranty is due whichever reached first of warranty period or life cycle power.