

# High voltage battery

## HT5000



### Best Components

A-grade LFP cell from first-class supplier  
BMS specially developed by Yelon



### Stackable

4.8~14.4kWh (3 modules)



### Safe and Reliable

10-year warranty; 6000 cycles  
Fool-proof design and protection functions



### Easy to Install and Use

Plug and play connection  
Minimum operation needed after first configuration



### Compatible

Work with most of the popular inverters



### Remote Control and Monitor

Check real-time status on APP  
Alert pops up if any problem occurs

### PARAMETERS

Battery Type	LiFePO <sub>4</sub>		
Number Of Batteries In Series	HT5000-1	HT5000-2	HT5000-3
Nominal Battery Energy [kWh]	4.8	9.6	14.4
Single Battery Capacity [Ah]	50Ah		
Nominal Voltage [V]	96	192	288
Charging Cut-off Voltage [V]	108	216	324
Discharging End-of Voltage [V]	84	168	252
Recommended Charge/Discharge Current [A]	25		
Max Charge/Discharge Current [A]	40		

### GENERAL

Net Weight [kg]	60(unit)
Dimension [W*D*H] [mm]	600X250X430(unit)
CT0500 Net Weight [kg]	15.2
CT0500 Dimension[W*D*H] [mm]	600X250X282
Charging Temp. Range [°C]	0~50
Discharging Temp. Range [°C]	-15~50
Communication	CAN/RS485
Cycle Life	> 6000 <sup>[1]</sup>
Protection Level	IP65
Cooling Method	Natural
Altitude [m]	≤4000
Scalability	Up to 3 units in series
Compatible Inverters	YELON, GOODWE, GROWATT, DEYE, SMA, VICTRON...
Certification & Safety Standard	CE/UN38.3/IEC62619

<sup>[1]</sup> Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

<sup>[2]</sup> Outer casing color of battery can be customized

