

High voltage battery

HS5000



Best Components

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



Stackable

4.8~28.8kWh (6 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 ₄					
Number Of Batteries In Series	HS5000-1	HS5000-2	HS5000-3	HS5000-4	HS5000-5	HS5000-6
Nominal Battery Energy [kWh]	4.8	9.6	14.4	19.2	24	28.8
Single Battery Capacity [Ah]	50Ah					
Nominal Voltage [V]	96	192	288	384	480	576
Charging Cut-off Voltage [V]	108	216	324	432	540	648
Discharging End-of Voltage [V]	84	168	252	336	420	504
Recommended Charge/Discharge Current [A]	25					
Max Charge/Discharge Current [A]	40					

GENERAL

Net Weight [kg]	56(unit)
Dimension[W*D*H] [mm]	620X400X210(unit)
CS0500 Net Weight [kg]	17.6
CS0500 Dimension[W*D*H] [mm]	620X400X275
Charging Temp. Range [°C]	0~50
Discharging Temp. Range [°C]	-15~50
Communication	CAN/RS485
Cycle Life	> 6000 ^[1]
Protection Level	IP65
Cooling Method	Natural
Altitude [m]	≤4000
Scalability	Up to 6 units in series
Compatible Inverters	YELON, GOODWE, GROWATT, DEYE, SMA, VICTRON...
Certification & Safety Standard	CE/UN38.3/IEC62619

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

^[2] Outer casing color of battery can be customized

