

SYLON SOLAR



High-voltage energy storage products are specially designed for medium and large residential and regional micro-grid applications, including rack-mount and stackable battery system.

Each form owns several battery modules and each high-voltage system consists of multi-level BMS(HVB+BMU), battery modules and battery cabinet. Built-in intelligent & high-precision BMS, combined with LFP batteries, the system has great advantages in terms of safety, cycle life, energy density and wide temperature range.



Easy installation



Real-time monitoring and control



LFP cell & system safety design

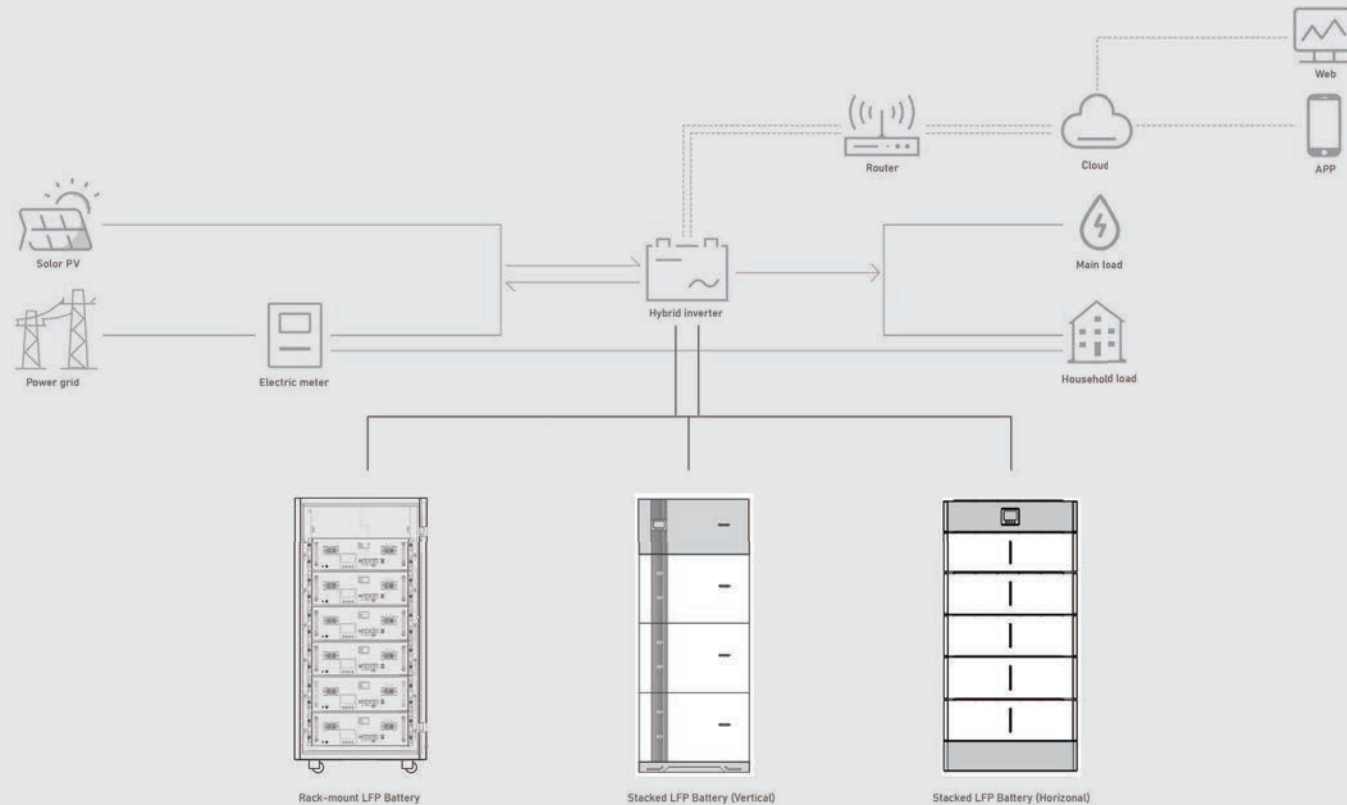


High energy density, Excellent service life & Wide operation temperature range.



Integrated with most popular inverters in the market

RESS System

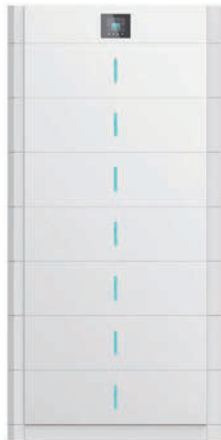


High-volt Stacked LFP Battery



Remark: Max support 6 modules in series

Type/Parameter	ZHES3000VS2	ZHES3000VS3	ZHES3000VS4	ZHES3000VS5
Battery Module Type	ZHES3000VS			
Module Number	2	3	4	5
Rated Voltage (V)	204.8	307.2	409.6	512
Voltage Range (V)	179.2~224	268.8~336	358.4~448	448~560
Rated Energy (Wh)	6144	9216	12288	15360
Standard Discharge Current (A)	30			
Dimension:W*H*D (mm)	698*1140*130	698*1530*130	1596*1200*130	1596*1530*130
Weight (kg)	88	122	156	190
Environment Parameter				
IP	IP65			
Charge Temperature Range (°C)	0~45			
Discharge Temperature Range (°C)	-20~60			
Installation Method	Floor-mounted			
Service Life				
Cycle Life (Time)	> 6000 (0.5C @25°C, 80% DOD)			
Design Life (Year)	15			
Certification				
Safety & Certification	CE, IEC62619			
Transportation	UN38.3			



Remark: Max support 10 modules in series

Type/Parameter	ZHES3000HS2	ZHES3000HS3	ZHES3000HS4	ZHES3000HS5	ZHES3000HS6
Battery Module Type	ZHES3000HS				
Module Number	2	3	4	5	6
Rated Voltage (V)	204.8307.2	307.2409.6512	409.6612.614.4		
Voltage Range (V)	179.2~224	268.8~336	358.4~448	448~560	537.6~672
Rated Energy (Wh)	6144	9216	12288	15360	18432
Standard Discharge Current (A)	15				
Dimension:W*H*D (mm)	668*270*393	668*400*393	668*530*393	668*660*393	668*790*393
Weight (kg)	88	122	156	190	224
Environment Parameter					
IP	IP65				
Charge Temperature Range (°C)	0~45				
Discharge Temperature Range (°C)	-20~60				
Installation Method	Floor-mounted				
Service Life					
Cycle Life (Time)	> 6000 (0.5C @25°C, 80% DOD)				
Design Life (Year)	15				
Certification					
Safety & Certification	CE, IEC62619 Coming soon				
Transportation	UN38.3				

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Contact us



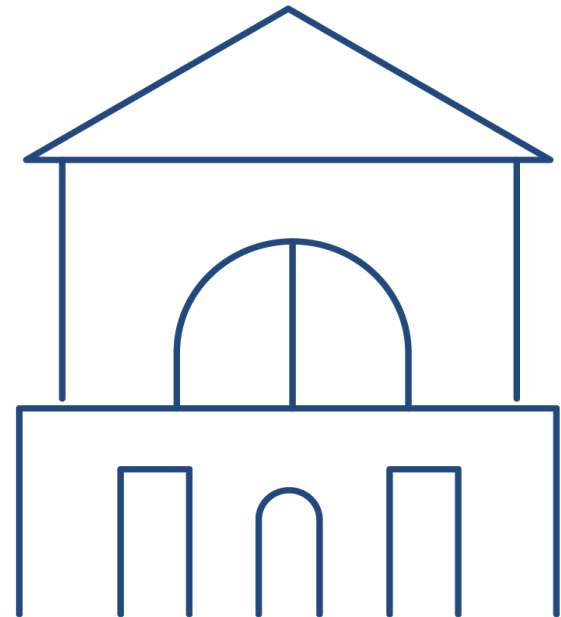
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