

2026 PRODUCT CATALOG

HANGZHOU VESTWOODS TECHNOLOGY CO., LTD

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SMART RESIDENTIAL SOLUTION



Most safety LiFePO₄
as cathode
material



Long cyclic
life-6000 cycles
(80%DOD)



High rate
charge



Fashionable modular
design with
Haier Energy



Model	VE51100L	VE51200L	VE51314L
Cell Type	LFP		
Nominal Energy	5.12kWh	10.24kWh	16.07kWh
Nominal Capacity	100Ah	200Ah	314Ah
Nominal Voltage	51.2V		
Operating Voltage Range	42.0~57.6V		
Nominal Charge Voltage	57.6V		
Charge Current/Max. Continuous	100A	200A	160A
Discharge Cut-off Voltage	42.0V		
Discharge Current/Max. Continuous	100A	200A	160A
Recommended Depth of Discharge	80%		
Ambient Temperature/Charge	0~60°C		
Ambient Temperature/Discharge	-20~60°C		
Dimension(W*H*D)	420*700*150mm	580*802*150mm	500*880*240mm
Weight	Approx. 45.0kg	Approx. 82.0kg	Approx. 114kg
IP Rating	IP20		
Expansion	Max. 15 Units in Parallel		
Color	White		
Communication	CAN/RS485		
Cooling Mode	Natural Cooling		
Cycle Life	6000 Cycles, 80%DOD@25°C		
Design Life	15+ Years (25°C)		
Installation Method	Floor Mounted		
Allowed Humidity Range	≤95% RH		
Altitude	<2000m		
Protections	Over Charge/Over Discharge/Over Temperature		
	Over Current/Short Circuit etc.		
Compatible Inverters	Deye/Solis/Hoymiles/Senergy/Afore/Megarevo/SRNE/Inhenergy etc.		
Certifications	UN38.3, IEC62619, CE-EMC, Rohs		