VESTWOODS
by Haier Energy

L SERIES

LV Battery

5 | 10 | 16 kWh

Triple-layer Safety
Battery cell × electrical × structural protection interacted

Self-developed BMS
Precise cell balancing, protection & real-time mon tor ng

H gh Compatibility
Major inverter matched Conven ent LCD display to choose different inverters

H gh-temp Resistance
Deliver stable power up to 55°C

CE UN 38.3 RoHS IEC

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	157A
Discharge Cut-off Voltage	42.0V		
Discharge Current/Max. Continuous	100A	200A	157A
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. 45kg	Approx. 82kg	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		8000 Cycles, 70%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		