

W SERIES

LV Battery

5 | 10 | 16 kWh



Convenient Commissioning
Wifi / Bluetooth / APP supported



Self-developed BMS
Precise cell balancing, protection & real-time monitoring



High Compatibility
Major inverter matched



Wide Temp Range
Stand from -20°C to 55°C

Model	VE51100W	VE51200W	VE51314W
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	150A	150A
Discharge Cut-off Voltage	42.0V		
Discharge Current/Max. Continuous	100A	150A	150A
Recommended Depth of Discharge	80%		
Ambient Temperature/Charge	0~60°C		
Ambient Temperature/Discharge	-20~60°C		
Dimension(W*H*D)	410*665*206mm	530*762*260.5mm	607.4*842*261.5mm
Weight	Approx. 51.8kg	Approx. 91.0kg	Approx.127kg
IP Rating	IP65		
Expansion	Max. 15 Units in Parallel		
Color	White		
Communication	CAN/RS485		
Monitoring	APP		
Cooling Mode	Natural Cooling		
Cycle Life	6000 Cycles, 80%DOD@25°C		
Design Life	15+ Years (25°C)		
Installation Method	Floor/Wall 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, IEC RED, Rohs, IEC 62040		

