SBEON | Haier Energy | VESTWOODS

Smart Residential Solution



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		42.0-57.6	
Nominal Charge Voltage		V 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*155mm	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	
Compatible Inverters		Over Current/Short Circuit etc.	
Certifications		Deye/Solis/Hoymiles/Senergy/Afore/Megarevo/SRNE/Inhenergy etc.	
		UN38.3, IEC62619, CE-EMC, Rohs	

- Most safety $LiFePO_4$ material
- Long cycle life ≥6000 cycles (@80%DOD)
- High rate charge
- Fashionable modular design with Haier Energy