



Residential ESS Solution

Neptune LA-C2.5/5.1/15.0



App Remote Monitoring



6000 cycles @80% for effectively lower total of ownership cost



Easy and Quick Installation



Supports multiple communication protocols



Color touch display screen, Wi-Fi, and Bluetooth.



Technical Specification



Technical Data	Neptune LA-C2.5	Neptune LA-C5.1	Neptune LA-C15.0
Capacity	2.56kWh	5.12kWh	15.07kWh
Main Parameter			
Battery Type	LiFePO ₄		
Capacity(Ah)	100	100	314
Nominal Voltage(V)	25.6	51.2	48
Operating Voltage(V)	21.6~28.8	43.2~57.6	40.5~54
Rated Energy(kWh)	2.56	5.12	15.07
Usable Energy(kWh)	2.3	4.6	13.56
Maximum Charge/Discharge Current(A)	50/100	50/100	150/200
Recommend Deth of Discharge	90%		
Other Parameter			
Dimension(W×H×D,mm)	340*420*145	380*600*145	430*864*240
Weight Approximate(kg)	25	45	105
Display	Color touch display screen		
IP Rating of Enclosure	IP20		
Operating Temperature(°C)	Charge:0°C~55°C		
	Discharge:-20°C~55°C		
Storage Temperature(°C)	-10°C~40°C		
Humidity	5%~95%		
Altitude	≤2000m		
Cycle life	≥6000(25°C±2°C,0.5C/0.5C,90%DOD,70%EOL)		
Installation Location	Wall-Mounted	Wall-Mounted	Floor-Mounted
Communication Port	CAN2.0,RS485,RS232,WIFI		
Warranty Period	5 years		
Certification	UN38.3		

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