



Residential ESS Solution

Neptune LA-C2.5/5.1/10.0/15.0/16.0



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



Supports multiple communication protocols



6,000 revolutions per cycle service life



Easy and Quick Installation



The safe and reliable design is equipped with an internal circuit breaker



App Remote Monitoring



Technical Specification



Technical Data	Neptune LA-C2.5	Neptune LA-C5.1	Neptune LA-C10.0	Neptune LA-C15.0	Neptune LA-C16.0
Capacity	2.56kWh	5.12kWh	10.49kWh	15.07kWh	16.07kWh
Main Parameter					
Battery Type	LiFePO ₄				
Capacity(Ah)	100	100	205	314	314
Nominal Voltage(V)	25.6	51.2	51.2	48	51.2
Operating Voltage(V)	21.6~28.8	43.2~57.6	43.2~57.6	40.5~54	43.2~57.6
Rated Energy(kWh)	2.56	5.12	10.49	15.07	16.07
Usable Energy(kWh)	2.3	4.6	9.44	13.56	14.47
Maximum Charge/Discharge Current(A)	50/100	50/100	150/200	150/200	150/200
Recommend Deth of Discharge	90%				
Other Parameter					
Dimension(W×H×D,mm)	340*420*145	380*600*145	380×650×240	430*864*240	430*864*240
Weight Approximate(kg)	25	45	85	106	112
Display	Color touch display screen(Optional)				
Indicator Lights	LED Indicators(Optional)				
IP Rating of Enclosure	IP20				
Operating Temperature(°C)	Charge:0°C~55°C				
	Discharge:-20°C~55°C				
Storage Temperature(°C)	-10°C~35°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	Wall-Mounted	Floor-Mounted	Floor-Mounted
Communication Port	CAN2.0,RS485,RS232,WIFI				
Warranty Period	5 years				
Certification	UN38.3				

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