



Residential ESS Solution

Neptune LA-C30.0



LCD Color
Screen Operation



Supports multiple
communication protocols



6,000 revolutions
per cycle service life



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



Discharge temperature:
-20°C~55°C



Technical Data	Neptune LA-C30.0
Rated Voltage/Capacity	48V 628Ah
Main Parameter	
Battery Type	LiFePO ₄
Capacity(Ah)	628
Nominal Voltage(V)	48
Operating Voltage(V)	40.5~54
Rated Energy(kWh)	30.14
Usable Energy(kWh)	27.12
Maximum Charge/Discharge Current(A)	150/300
Other Parameter	
Recommend Deth of Discharge	90%
Dimension(W×H×D,mm)	410×800×850
Weight Approximate(kg)	230
Display	Color touch display screen
Indicator	LED Indicator
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 Cycles
Installation Location	Floor
Communication Port	CAN2.0,RS485,WIFI
Warranty Period	5 years
Certification	UN38.3