

Technical specifications of Nora-C06 series battery

1. Product Overview

Country of manufacture: China

Warranty period: (Subject to the Limited Warranty)

Subject to the limitations & exclusions contained herein, the Warranty as the accessory of Nora series ESS is valid for 10 years of the limited product and performance guarantee from the first installation date or 8000 cycles, whichever occurs first. (Standard specifications:

A. the products are free from major faults and workmanship for ten(10) years for free of charge from the warranty commencement date;






B. a cycle means one time charge and discharge;

C. each cycle should be complied with the requirements of 0.5C, and 90% SOC of charge and discharge).

The warranty period starts 90 days after IPOTISEDGE products are delivered, or the day IPOTISEDGE receives the request for product service, whichever occurs first.

The warranty period is calculated based on calendar years.

2. System Technical Specifications

Trademark/logo						
PotisEdge						
Model	Nora-B06	Nora-C06-B06	Nora-C06-B12	Nora-C06-B18	Nora-C06-B24	
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BATTERY DATA						
1	Battery Type	LFP 20Ah				
2	Rated Energy	6.144kWh	6.144kWh	12.288kWh	18.432kWh	24.576kWh
3	Rated DC Power	3.072kW	3.072kW	6.144kW	6.144kW	6.144kW
4	Nominal Battery Capacity	6.144kWh	6.144kWh	12.288kWh	18.432kWh	24.576kWh
5	Usable Battery Capacity	6.144kWh	6.144kWh	12.288kWh	18.432kWh	24.576kWh
6	Battery Depth of Discharge	100%	100%	100%	100%	100%
7	Rated Capacity	20Ah	20Ah	40Ah	60Ah	80Ah
8	Rated Voltage	307.2Vd.c				
9	Voltage Range	240~345.6Vd.c				
10	Rated Charge/Discharge Current	10A	10A	20A	20A	20A
11	Max. Charge/Discharge Current	17.5A	17.5A	35A	35A	35A
12	Insulation resistance	≥100MΩ/500V				
13	Dimensions (WxDxH mm)	730*200*442±2	730*200*682±2	730*200*1086±2	730*200*1490±2	730*200*1894±2
14	Weight	62±2kg	76±2kg	138±2kg	200±2kg	262±2kg

3. System Technical Specifications(PARA)

Trademark/logo				
PotisEdge				
Model	Nora-C06-B30	Nora-C06-B36	Nora-C06-B42	Nora-C06-B48

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BATTERY DATA					
1	Battery Type	LFP 20Ah			
2	Rated Energy	30.72kWh	36.864kWh	43.008kWh	49.152kWh
3	Rated DC Power	6.144kW	6.144kW	6.144kW	6.144kW
4	Nominal Battery Capacity	30.72kWh	36.864kWh	43.008kWh	49.152kWh
5	Usable Battery Capacity	30.72Wh	36.864kWh	43.008kWh	49.152kWh
6	Battery Depth of Discharge	100%	100%	100%	100%
7	Rated Capacity	100Ah	120Ah	140Ah	160Ah
8	Rated Voltage	307.2Vd.c			
9	Voltage Range	240~345.6Vd.c			
10	Rated Charge/Discharge Current	20A	20A	20A	20A
11	Max. Charge/Discharge Current	35A	35A	35A	35A
12	Insulation resistance	≥100MΩ/500V			
13	Dimensions (WxDxH)	730*200*1086±2mm 730*200*1490±2mm	730*200*1490±2mm 730*200*1490±2mm	730*200*1490±2mm 730*200*1894±2mm	730*200*1894±2mm 730*200*1894±2mm
14	Weight	338±2kg	400±2kg	462±2kg	524±2kg

4. General Data for all models

Operation Temperature Range	charging: 0~50℃, discharging:-20~55℃
Storage Temperature Range	-20~50℃
Relative Humidity	5~95%, RH
Cooling Mode	Nature cooling
Altitude	<2000m
Ingress Protection	IP65
Protection Class	Class I
Display	APP+LCD, WiFi
Communication	CAN2.0B, RS485, WiFi
Installation method	Ground mounted
Working Environment	Indoors, outdoors
Parallel mode	DC parallel machine: 2 units