



Residential Energy Storage System

Nora-T06/T12/T15



**Swedish
Design**

Perfect modular

Ultra-thin design

System thickness $\leq 218\text{mm}$, saving space

Intelligent system

Easy to operate

Simplified UI design,
intuitive display of statistical charts and graphs

Efficient revenue

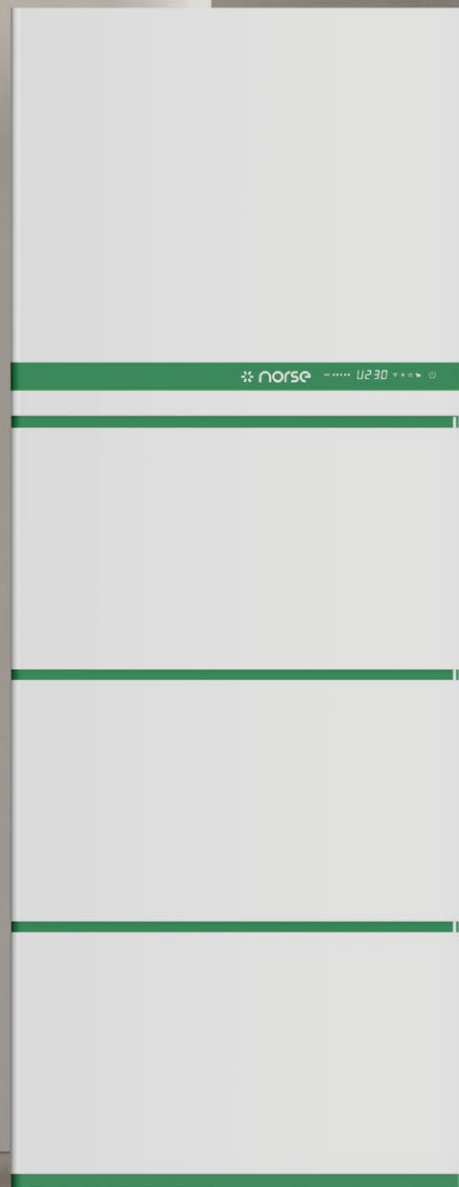
Compatible with off-grid

Adapt to different scenarios to meet
the economic and power backup requirements

Safety and security

Fault isolation

Dynamically cut out fault packages to
ensure stable system operation



Specifications

Model	Nora-T06	Nora-T12	Nora-T18
System Parameters			
Battery box quantity	1	2	3
Rated voltage	307.2 V	307.2 V	307.2 V
Rated energy	6.144 kWh	12.288 kWh	18.432 kWh
Standard charge/discharge rate	0.5 C	0.5 C	0.5 C
Max. charge/discharge rate	1 C	1 C	1 C
PV Input			
Max. input power	15 kWp		
Max. input voltage	1000 V		
Max. number of PV strings	3(1/2)		
Number of MPPT trackers	2		
MPPT operating voltage range	160-950 V		
Max. short-circuit current	30 A/40 A		
On-grid Operation			
Rated grid voltage	380 V/400 V/415 V 3W+N+PE		
Rated output power	10 kW		
Max. output power	11 kW		
Max. output current	3*16.7 A/3*16 A (only for British Market)		
Nominal grid frequency	50 Hz/60 Hz		
Off-grid Operation			
Nominal output power	10 kVA		
Max. output power (5 min)	12 kVA		
Peak power (10 s)	15 kVA		
Rated output voltage	380 V/400 V/415 V 3W+N+PE		
Backup switching time	10 ms (typical), 20 ms (max.)		
General Data			
Weight	≤117.5 kg	≤175.5 kg	≤233.5 kg
Dimension (W*D*H)	730*218*1076 mm	730*218*1480 mm	730*218*1884 mm
IP Rating	IP65		
Max. operating altitude	<4000 m (derating above 2000 m)		
Communication interface	WiFi/WLAN		
Operating temperature	Charging: 0~60 °C Discharging: -20~60 °C		
Storage temperature	Storage: -20~60 °C (<3 months)		
Relative operating humidity	5%~95%, RH		
Cycle life	≥6000 times (0.5 C/0.5 C@25°C, 90%DOD, 70%EOL)		
Fire protection system	Aerosol		
Depth of discharge	>95%DOD		
Installation environment	Indoor (Class B), Outdoor		
Installation method	Floor-standing (standard)		
Scalability	DC side can be expanded up to 2 clusters; AC side can be expanded by up to 6 units		
Certification	IEC/EN62619, IEC/EN60730, IEC/EN61000, UN38.3, UN3480		

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