

• YOUR  
• SMART  
• ENERGY



## BATTERY SMILE-NABAT-3.3S

Residential Sodium-ion Battery

CAPACITY  
3.3 kWh Modular



Meet more Scenarios

Max 5C Discharge Rate

Larger Operating Temperature Range

Safer with Excellent Thermal Stability



## BATTERY

# SMILE-NABAT-3.3S

Model	SMILE-NABAT-3.3S
Physical Parameters	
Battery Chemistry	NFPF ( NaFePO <sub>4</sub> )
Installation Method	Floor Mounted
Dimension (W x D x H)	610 x 212.5 x 680 mm
Weight	60 kg
IP Protection	IP21
Electrical Parameters	
Energy Capacity	3.33 kWh
Usable Capacity	3.17 kWh
Depth of Discharge (DoD)	95%
Cycle Life	6 000*
Nominal Voltage	91.2 V
Operating Voltage Range	64 ~ 103.36 V
Operating Parameters	
Max. Charging Current	36 A
Max. Discharging Current	36 A
Operating Temperature Range	-20 °C ~ 60 °C**
Relative Humidity	0 ~ 95%
BMS	
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature measurement
Communication	CAN

\* Under specific test condition

\*\* Max. charge/discharge current derating may occur with changes in temperature and SOC.

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