

WIN-Wall Series

2nd Generation

5/10/15/20 kWh

Residential
Energy Storage Solution



Product advantages



Safe & Reliable

Lithium Iron Phosphate Cell
IP65 Protection Level
Multiple Hardware Protection



Smart BMS

Accurate SOC Estimation
Battery Module Balancing System
Pack Level Energy Optimization



Flexible Extension

Scalable from 5 to 20 Kwh
(Can be mixed with old and new
batches of battery module)



Long Service Life

Cycle > 6000 Times
Service Life >15 Years



Remote Monitoring

Build-in Wifi Module
Automatically Detected in App



Easy Installation

25kg Battery Module
Plug and Play



Perfect Compatibility

Compatible to Both Residential
Single & Three Phase Inverter
Rs485 / Can Communication



UN38.3

WIN-Wall Series 2nd Generation

WINCLE
ENERGY STORAGE



General specifications

Module Type	Cell	WIN-Wall-05	WIN-Wall-10	WIN-Wall-15	WIN-Wall-20
Configure	/	2P16S	2P16S:2pcs	2P16S:3pcs	2P16S:4pcs
Dimension	11.8*156*260mm	600*900*220mm	600*1200*220mm	600*1500*220mm	600*1800*220mm
Weight	0.95kg	67kg	109kg	151kg	193kg
Rated voltage	3.2V	51.2V	51.2V	51.2V	51.2V
Voltage range	2.5-3.65V	40-58.4V	40-58.4V	40-58.4V	40-58.4V
Capacity	50Ah	100Ah	200Ah	300Ah	400Ah
Energy	0.16kWh	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Max. charging current			40A		
Max. discharging current			75A		
Discharge depth			90%		
Communication protocol			CAN/RS485		
Cycle life			≥ 6000 cycles @25°C±0.5°C		
Working temp. range			Charge: 0~55°C; Discharge: -10~35°C		

<https://en.wincle.cn>

E-mail: export@wincle.cn

Hunan Wincle Energy Storage Technology Co.,LTD