

## Pack Configuration



Type	Low Voltage	High Voltage
Battery type	LFP	LFP
Cell capacity	50Ah	25Ah
Rated capacity	2.4kWh	2.56kWh
Rated voltage	48V	102.4V
Max. ~Min.voltage	42~52V	86.4~112V
Rated charge/discharge C rate	0.4C	0.5C/0.8C
W*D*H Dimensions	482 x 91 x 433mm	440 ~ 86 ~ 520mm
Weight	24kg ± 1kg	27kg ± 1kg

## Low Voltage

### System Specifications



INVERTER



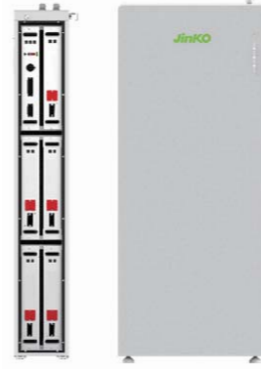
Battery

Item	3.6kW-7.2kWh	5kW-9.6kWh	Q =	Q = N
Max. PV Input power	4.68kW	6.5kW		10.4kW
MPPT range	125-425V, Max. 500V			
AC rated power	3.6kW	5kW		8kW
Output voltage	230Vac (Single phase), 50/60 Hz			
Battery capacity	7.2kWh	9.6kWh		19.2kWh
Battery voltage	48V, (Inverter:40-60V; BMS:42-51.5V)			
IP level	IP65 (inverter), IP55(Battery)			
Cycle life	•6000 cycles, 80%DOD, @25 °C, 0.5C k 70%EoL			
Operating mode	On grid/off grid, switch time <20ms			
Dimension (W*H*D, mm)	680*233*420mm (Inverter); 570*1150*285mm (Battery)			
Weight	24kg(5kW inverter) 32kg(8kW inverter), 133kg (9.6kWh/Battery cabinet)			
Monitoring	APP/Web			
BMS Communication	RS485 /CAN			
Certification	inverter: VDE0126, IEC62109 1/2, IEC61683 Battery module: IEC62619, UN38.3			

## High Voltage



10kW INVERTER



12.5kWh Battery cabinet

- allows up to 10% overloading to maximize power output and features.
- Uninterruptible Power Supply function (UPS) to inductive loads such as air conditioners or refrigerators with an automatic switchover time of less than 10 milliseconds.

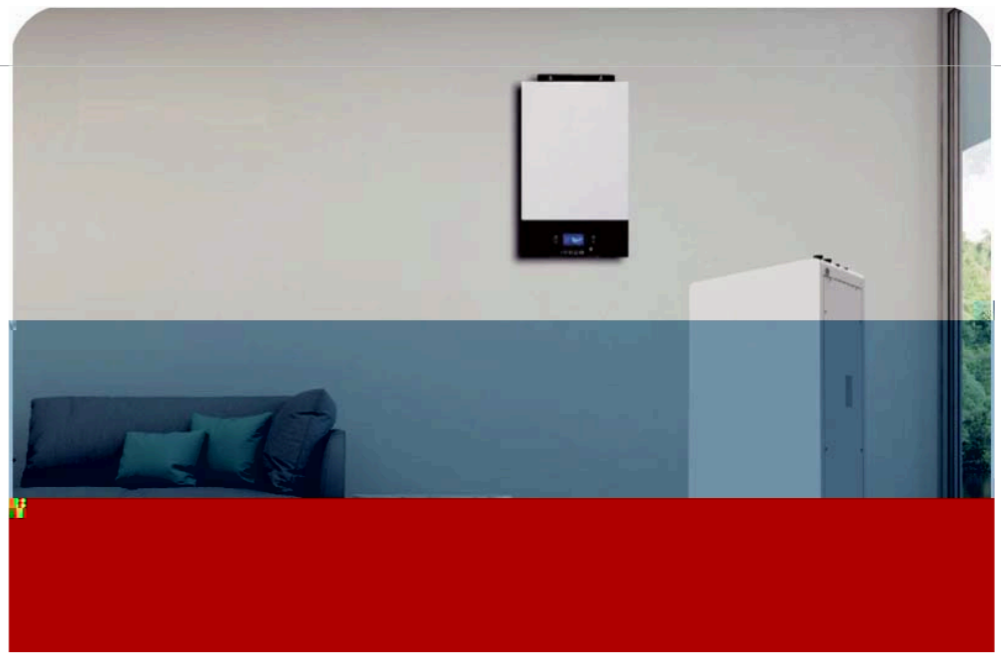
## System Specifications





**For single phase version Parameters**

Self consumption  
Off-grid & AC Bypass



Item description	3kW-7.2kWh	5kW-9.6kWh
Max. PV Input power	4kW	4kW
MPPT range	30-115V,Max. 145V	
AC rated power	4kW	5kW
Output voltage	Single phase 230Vac 50/60 Hz,	
Battery capacity	7.2kWh	9.6kWh
Max. capacity	4 cabinet in parallel, Max. 38.4kWh	
Battery voltage	48V,(Inverter:40-60V;BMS:42-51.5V)	
IP level	IP20(inverter),IP55(Battery)	
Cycle life	•6000 cycles,80%DOD,@25 - 00.5C070%EoL	
Operating mode	Off grid	
Dimension (W*H*D, mm)	295*468*120mm(Inverter);570*1150*285mm(Battery cabinet) 140*303*525mm(Inverter)	
Weight	12.5&13.5kg(inverter),133Kg(Battery cabinet)	
Monitoring	PC	
BMS Communication	RS485 /USB	