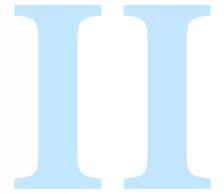


220V 54kW System

Standard solution

# 220V/12kW 30kWh

## Single system solution



In regions without electricity, solar panels can charge during the day, and stored energy can be used at night for lighting or other power needs.

In areas with high electricity prices, the system can be used for peak and valley energy storage: charge during off-peak times when electricity is cheaper, and use the stored energy during peak times when electricity is more expensive.

It can meet the needs of small office routers running all day, computers working for several hours, small fans running, home air conditioners cooling and heating, and lighting fixtures turned on all day.



Front view



Side view



Back view

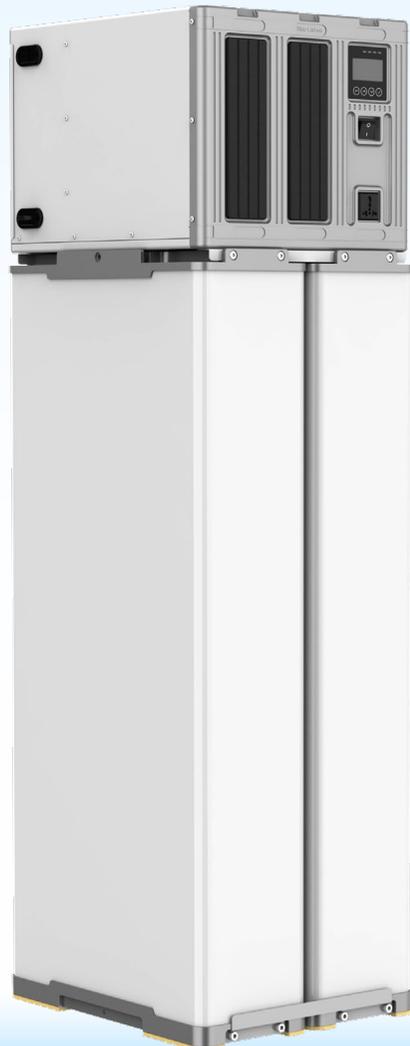


220V 54kW System

Standard solution

# 220V/12kW 30kWh

## Single system solution



### Battery Parameter

Nominal capacity	600Ah
Nominal voltage	48V
Electricity(kWh)	30kWh

### Inverter AC Output

Max power (kw)	12kW
Voltage (VAC)	208/220/230/240
Power factor (PF)	1
Frequency	50/60Hz±0.1%
Switch time (ms)	10(normal mode)/ 10(UPS mode)
Wave form	Pure sine wave
Overload capacity (battery mode)	60s@102%~110% load;10s@110%~130% load; 3s@130%~150% load; 0.2s@>150% load
Max. Efficiency (battery mode)	93%@48VDC
Max.Parallel Quantity	4 groups(48kWh)

### Photovoltaic/AC input

Rated input voltage (VAC)	208/220/230/240;L+N+PE
Phase voltage range (VAC)	90~280±3(normal mode);170~280±3(UPS mode)
Frequency (Hz)	50/60(auto adaptive)
Solar charger type	MPPT
Max PV input current / input power	18A/6000W ×2
MPPT range@operating voltage per unit(VDC)	120~450
Max PV open circuit voltage per unit(VDC)	500
Max PV charge current per unit (A)	80
Max AC charge current per unit (A)	80
Max. charge current per unit (PV + AC)(A)	80

# 220V/12kW 30kWh

## System Connection Display

