

## 220V/6kW 15kWh

## 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.

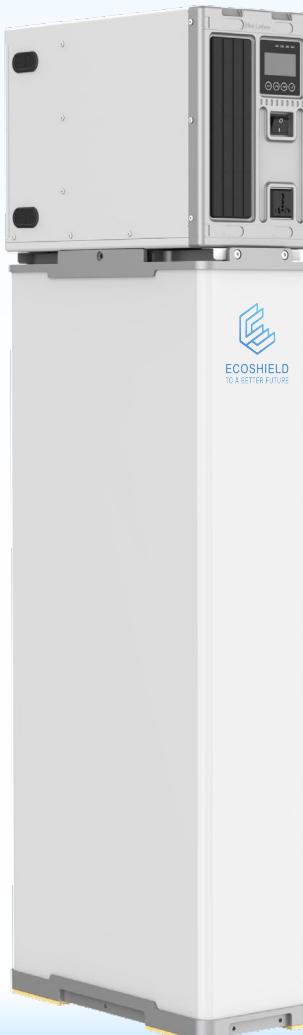
It can meet the needs of small office routers running all day, computers working for several hours, small fans running, home air conditioners cooling and heating, and lighting fixtures turned on all day.





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Battery Parameter	Nominal capacity	300Ah
	Nominal voltage	48V
	Electricity(kWh)	15kWh
Inverter AC Output	Max power (kw)	6kW
	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 (batter mode)	60s@102%~110% load;10s@110%~130% load; 3s@130%~150% load; 0.2s@>150% load
	Max. Efciency (batter mode)Max.	93%@48VDC
	Parallel Quantity	9 groups(54kWh)
	Rated input voltage (VAC)	208/220/230/240;L+N+PE
Photovoltaic/AC input	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
	MPPT range@operating voltage (VDC)Max	120~450
	PV open circuit voltage (VDC)	500
	Max PV charge current (A)	80
	Max AC charge current (A)	80
	Max. charge current (PV + AC)(A)	80

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## System Connection Display



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