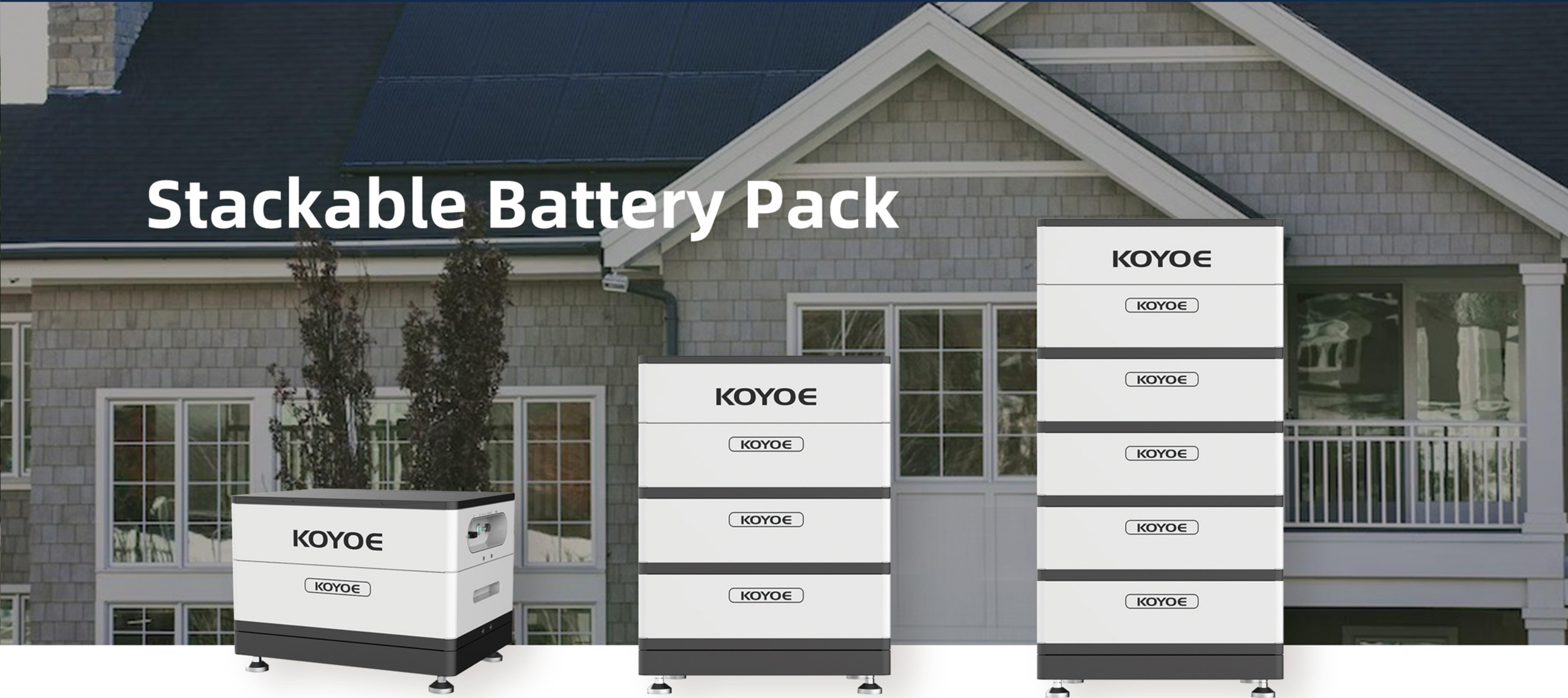


Stackable Battery Pack



- Light and convenient
Home design, light weight
- Easy installation
Stackable installation, no external wiring required
- Overcharge and over-discharge protection
Internally uses contactor switch, reliable switch; Over-discharge system automatically cuts off power to reduce self-loss
- Strong scalability
Maximum number of strings up to 10 can be flexibly adjusted
- Comprehensive safety protection functions
Real-time monitoring of battery cell voltage, current and temperature, three-level fault warning and multiple software and hardware protections
- Accurate power calculation
high-precision current sampling devices and SOC algorithm; static and dynamic calibrations and ampere-hour integration method

Product Parameters		KY-51V048AH-00
Battery cell		
Battery cell type	Li-ion (LFP) Lithium Iron Phosphate	
Capacity(Ah)	24	
Number of Cell Strings	2P16S	
Battery PACK parameters		
Rated voltage (V)	51.2	
Rated capacity (A)	48	
Rated energy (Wh)	2458	
Depth of discharge (%)	90	
Maximum voltage (V)	58.4	
Rated current (A)	25	
Dimension (W*H*D) (mm)	510*152*390	
Battery BCU parameters		
Start voltage (V)	80	
System maximum voltage (V)	600	
Maximum current (A)	40	
Dimension (W*H*D) (mm)	510*135*390	
Basic parameters		
Communication method	CAN	
Protection level	IP65	
Operating temperature (°C)	Charging0~55 Discharging-20~60	
Storage temperature (°C)	0~45	
Humidity (%)	0-95	
Altitude (m)	< 2000	