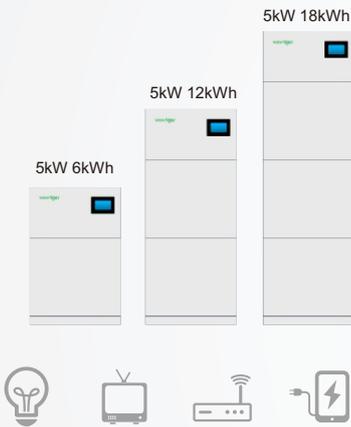


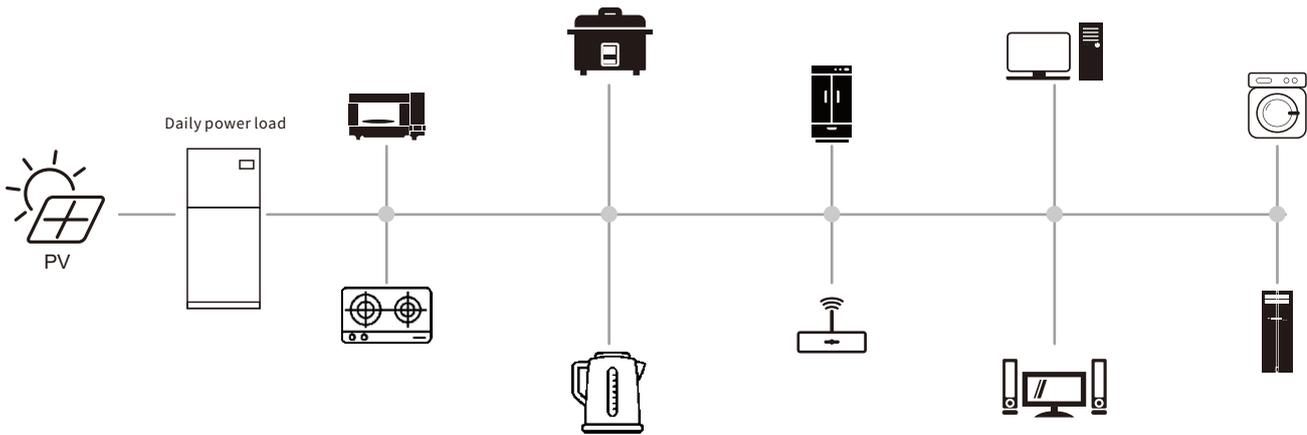
Solar Energy System

Floor or wall mounted design

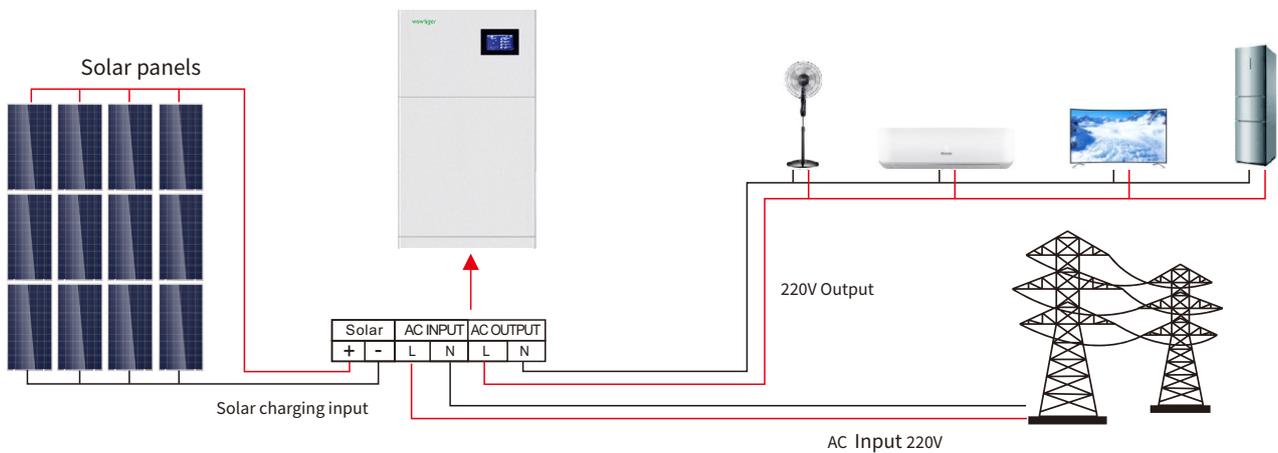
>> Models:
APOLO5K



⚡ Daily load



⚡ Solar system connection



Product Specifications



Model		APOLO5K			
Nominal Capacity/Energy		6kWH	12kWH	18kWH	
Battery type		LFP Solid-State Battery			
Utility Mode	Input Voltage	170~280Vac			
	Frequency	40~70Hz, Default			
	Overload/short circuit protection	The bypass circuit breaker (40 A)			
	Maximum efficiency	99.5%			
	Conversion time(bypass and inverter)	10mS			
	Biggest bypass overload current	40A			
Inverter Mode	Output voltage waveform	Pure sine wave			
	Rated output power (W)	5KVA			
	Power factor	P=1. 0			
	Rated output voltage (Vac)	208/220/230/240 Vac (Settable)		Default 230V	
	Output frequency range (Hz)	50.0 / 60.0 Hz (Settable)		Default 50 Hz	
	Maximum efficiency	>94.5%			
	Overload Capacity	1min@102%~110% Load	10s@110%~130% Load	3s@130%~150% Load	0.2s@>150% Load
	Battery voltage	51.2V			
Compatible battery type	Lead-acid/lithium electricity				
Utility Charging	Maximum charging current(can be set)	80A			
PV/Battery Charging	Type of controller (PV)	MPPT			
	Largest PV open circuit voltage	500V			
	PV operating voltage range	120-430V			
	Largest PV input current	18A			
	Largest PV power input	5500W			
	Solar charging current range (can be set)	2~80A			
Biggest mixed charging current (PV+ AC)	The biggest mixed charging current (can be set)	80A			
Specifications	Protection functions	Over-voltage and low-voltage protection, overload protection, short-circuit protection and over-temperature protection of lithium batteries			
	Working temperature range	-10°C-50°C			
	Storage temperature range	-15~60°C			
	Humidity range	20%~95% (No condensing)			
	Noise Level	≤50db			
	Heat dissipation	Forced air cooling			
	Display mode	HD touch screen			
	Monitoring method (optional)	WiFi/ 4G			
	Product size (L*W*H) mm	Inverter size: 495*310*150.1 Battery size: 531.5*490.4*150.1	Inverter size: 495*310*150.1 Battery size: 2*(531.5*490.4*150.1)	Inverter size: 495*310*150.1 Battery size: 3*(531.5*490.4*150.1)	
	Packing size(L*W*H) mm	Inverter packing: 538*420*196 Battery packing: 587.5*558.4*218	Inverter packing: 538*420*196 Battery packing: 2*(587.5*558.4*218)	Inverter packing: 538*420*196 Battery packing: 3*(587.5*558.4*218)	
	Net weight(kg)	57kg	103kg	148kg	
Gross weight(kg)	60kg	108kg	155kg		