

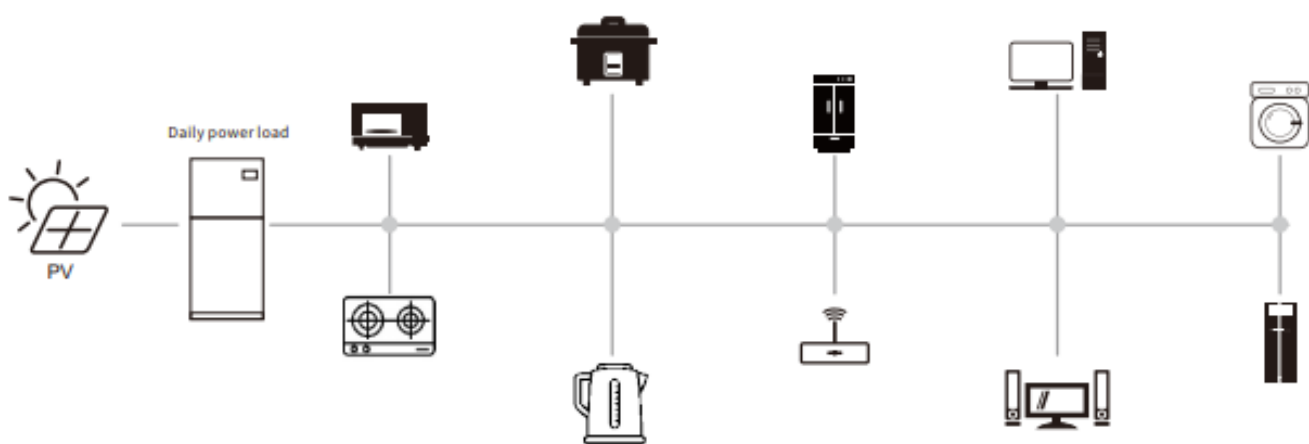
Solar Energy System

Floor or wall mounted design

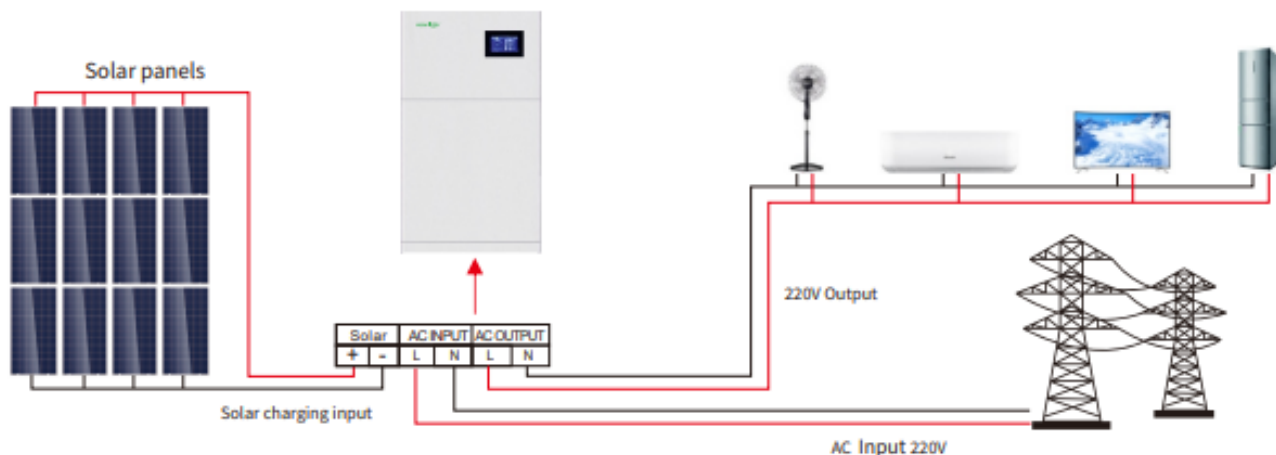
>> Models:
APOLO5K



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%		
Utility Charging	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		
	Maximum charging current(can be set)	80A		
	Type of controller (PV)	MPPT		
	Largest PV open circuit voltage	500V		
PV/Battery Charging	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