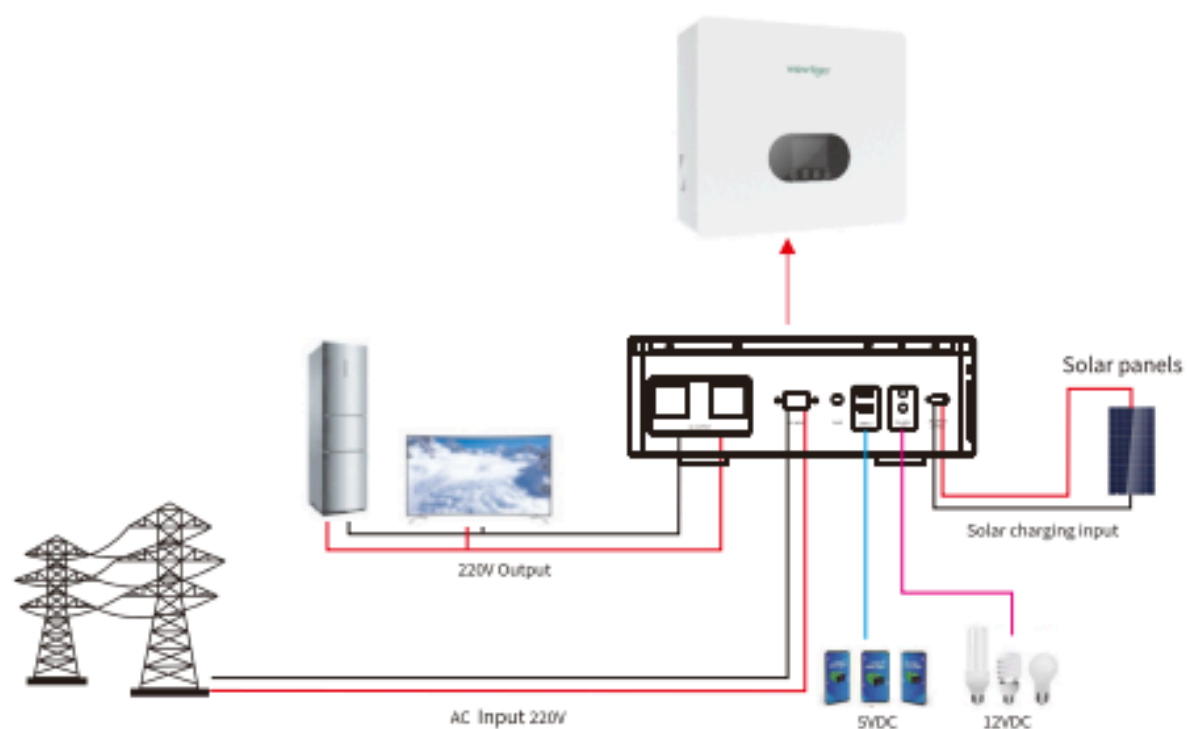


wall-mounted design all-in-one solar system

>> Models:
ECO11



System connection



Product Specifications



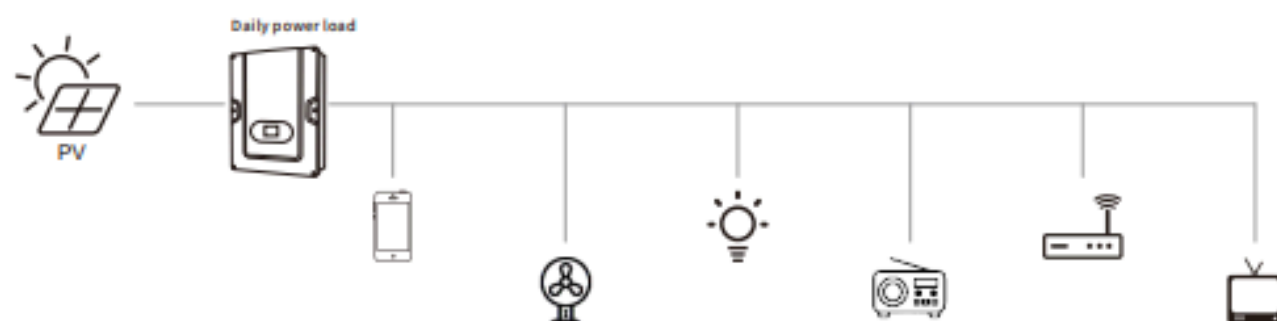
Model		ECO11
Nominal Capacity/Energy		1040Wh
Input Parameter	Input power	Max1000W, 6A
	Charging voltage range	154~264VAC±5VAC 50/60Hz
	Bypass voltage range	184~264VAC±5VAC 50/60Hz
Output Parameter	Rated output power	800W
	Output waveform	Pure sine wave
	Power factor	1PF
	Rated output voltage (Vac)	230V
	Output frequency range (Hz)	50Hz / 60Hz
	Maximum efficiency	>93%
	DC5521 (*2)	12V/4A Max48W
	USB fast charging (* 2)	5V/9V/12V Max 18W
	Overload capacity(battery)	10min@105%~110% Load, 1min@110%~120% Load, 2s@130%~150% Load, 200ms@>150% Load
	AC Charging Parameter	Maximum charging current 15A
Solar Charging Parameter	Controller type (PV)	MPPT
	PV input voltage range	28~60V
	Maximum PV input power	300W/10A
Specifications	Protection functions	Overdischarge protection, overcharge protection, overcurrent protection, overload protection, short circuit protection, high temperature protection, low temperature protection
	Working temperature range	-10°C~50°C
	Storage temperature range	-15°C~60°C
	Humidity range	20%~95% (No condensing)
	Noise level	≤50db
	Heat dissipation	Forced air cooling
	Product size (L*W*H) mm	370*325*135
	Packing size(L*W*H) mm	418*374*174
	Net weight (kg)	12.6
	Gross weight (kg)	13.8

wall-mounted design all-in-one solar system

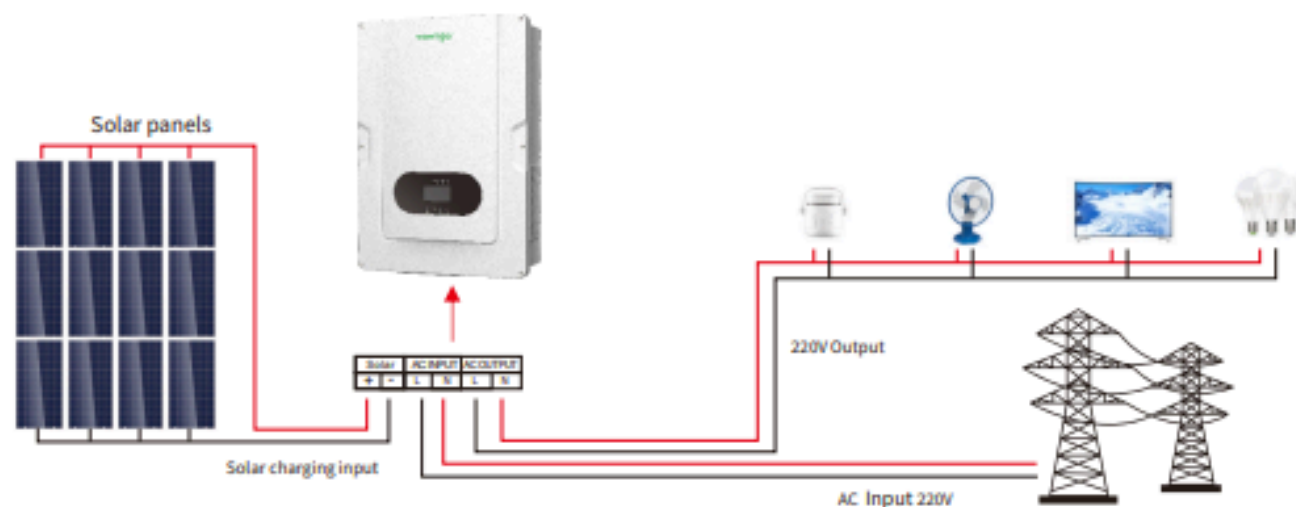
>> Models:
ECO25



⚡ Daily load



⚡ Solar system connection



Product Specifications



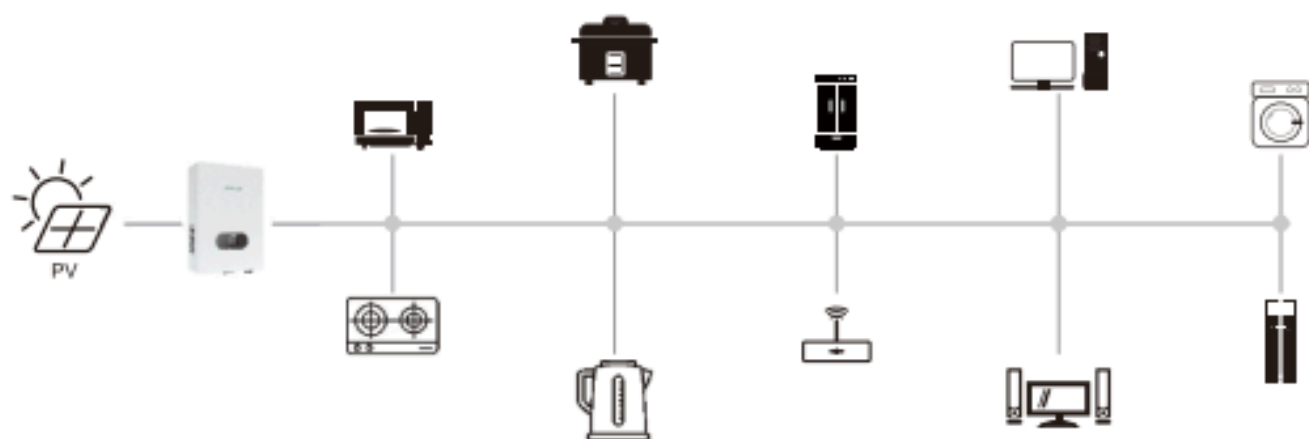
Model		ECO25
Nominal Capacity/Energy		2560WH
Utility Mode	Input Voltage	170-280Vac
	Frequency	40-70Hz, Default
	Overload/short circuit protection	The bypass circuit breaker (20 A)
	Maximum efficiency	99.5%
	Conversion time(bypass and inverter)	10mS
	Biggest bypass overload current	20A
Inverter Mode	Output voltage waveform	Pure sine wave
	Rated output power (W)	3KVA
	Power factor	P=0.8
	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	>93%
	Overload Capacity	1min@102%-110% Load 10s@110%-130% Load 3s@130%-150% Load 0.2s@>150% Load
	Battery voltage	25.6V
	Compatible battery type	lithium electricity
	Utility Charging	Maximum charging current(can be set)
PV/Battery Charging	Type of controller (PV)	PWM
	Largest PV open circuit voltage	85V
	PV operating voltage range	30-80V
	Largest PV input current	50A
Biggest mixed charging current (PV+AC)	Solar charging current range (can be set)	10-50A
	The biggest mixed charging current (can be set)	100A
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	LCD
	Monitoring method (optional)	WiFi/ 4G
	Product size (L*W*H) mm	387*163*540
	Packing size(L*W*H) mm	655*497*278
	Net weight(kg)	27.5kg
	Gross weight(kg)	29kg

wall-mounted design all-in-one solar system

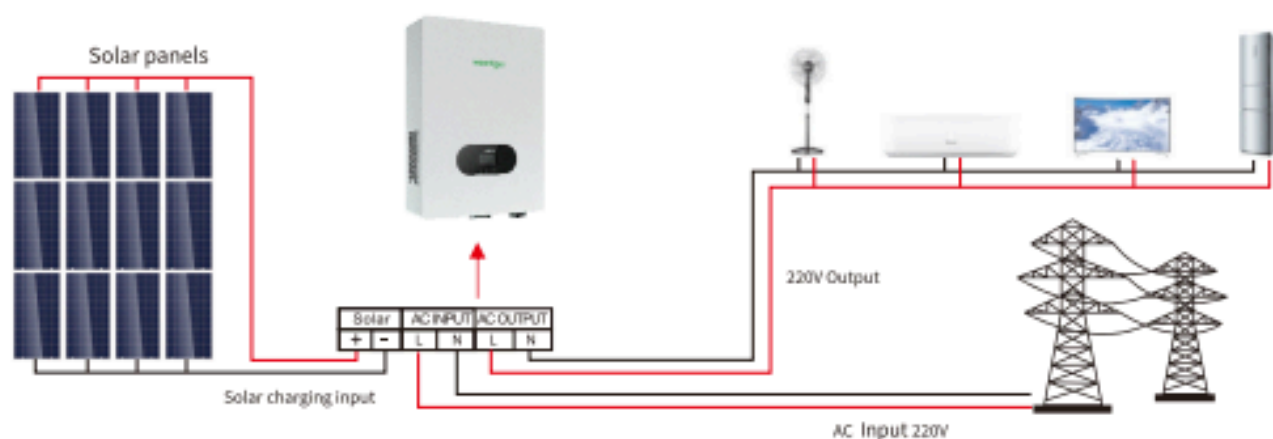
>> Models:
ECO28



⚡ Daily load



⚡ System connection



Product Specifications



Model		ECO28
Nominal Capacity/Energy		3020Wh
Battery type		Lithium iron phosphate semi-solid
Utility Mode	Input Voltage	90-280V Settable (Appliance/Generator mode) 170-264V Settable (UPS mode)
	Frequency	40-70Hz Default
	Overload/short circuit protection	The bypass circuit breaker (20A)
	Maximum efficiency	≥99%
	Conversion time(bypass and inverter)	10ms
	Biggest bypass overload current	20A
Inverter Mode	Output voltage waveform	Pure sine wave
	Rated output power (W)	3KW
	Power factor	PF1.0
	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	92.7% @24V
Utility Charging	Overload Capacity	1min@102%-110% Load 10s@110%-130% Load 3s@130%-150% Load 0.2s@>150% Load
	Battery voltage	25.6V
	Compatible battery type	Lead-acid/lithium electricity
	Maximum charging current(can be set)	2-100A
	Type of controller (PV)	MPPT
	Largest PV open circuit voltage	500V
PV/Battery Charging	PV operating voltage range	40-450V
	Largest PV input current	18A
	Largest PV power input	5000W
	Solar charging current range (can be set)	100A
Biggest mixed charging current (PV+ AC)	The biggest mixed charging current (can be set)	100A
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	LCD
	Monitoring method (optional)	WiFi/ 4G
	Product size (L*W*H) mm	/
	Packing size(L*W*H) mm	/
	Net weight(kg)	/
	Gross weight(kg)	/