

| Batteryless Hybrid Inverter |

An innovative option between Grid-tied and Off-grid system, the instantaneous self-use solution with grid-assisted is the easiest way to maximize your solar energy!

With HAMAK Solar's latest patented technology in solar power application, Batteryless Hybrid Inverter provides the easiest way to maximize your energy saving, and slash your power bill with the most efficiency cost.

The system allows solar power in first priority by built-in automatic controller, and utility supply only when the electrical loads are greater than solar power system output.



Advantage

Innovative technology

- HAMAK's patented technology supports dual power inputs from PV and utility with no external switching required, makes PV array to continue to generate power in the event of utility grid goes down.

Auto Power Configurations

- Solar array power as first priority, and will only draw power from the utility company when your solar can not keep up with the load.

No application process, Plugging and Saving

- Self-installed system doesn't have to has any involvement from the utility company. Thanks to easy-to-use design, you can really Do It Yourself to saving energy.

High efficiency

- Built-in advanced MPP tracking helps to maximize solar output.

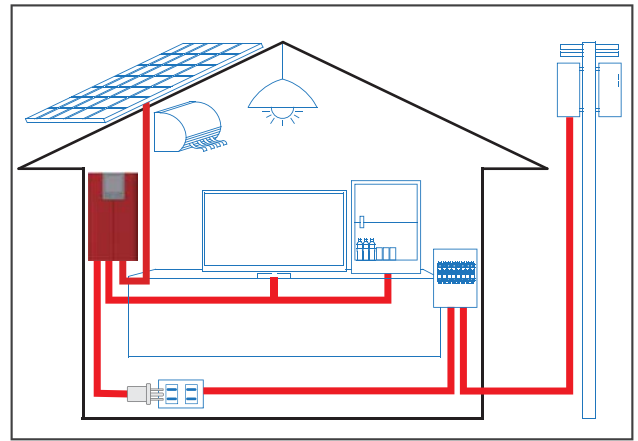
Fast investment pay-back

- Batteryless Hybrid Inverter is less expensive than typical hybrid system. You don't need any batteries and any maintain cost, and makes it with shorter payback period.

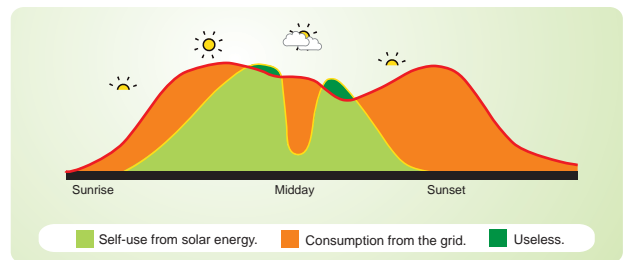
Friendly LCD Display

- LCD display is available to monitor the performance from PV array.

Instantaneous Self-consumption Solution



Maximum Self-use of Solar Power



Serial No.		HA-HSS-3000
PV Input (DC)	Max. input power	3000W
	DC voltage range	120Vdc~370Vdc
	MPPT range	150Vdc~300Vdc
	Max. input current	20A
	Connect type	MC4 compatible connector
AC Input	Voltage / Frequency	100~240Vac/50HZ~60Hz
	Current	25A
	Connect type	Push Lock power connector
Output	Output power	3000VA
	Voltage	220Vac/60Hz
	Output current	13.6A
	Connect type	Universal socket
Max. efficiency		92%
Display		LCD
Cooling mode		Cooling fans
Device protection		Overload and over-temperature
Casing		Painted Iron
Protection level		IP54
Certification		CE
Operating temperature		-20°C~+50°C
Dimension(mm)		563(H)×311(W)×160(D)