

# ECO Hybrid SNA3-5k



With thousands of hybrid inverters & AC units installed around the world.

Lux power has stepped even further to bringing power to every home, with or without grid power.

ECO Hybrid SNA 3-5K is now available for homes without grid. Inquire your local distributor, re-organize your power at home. No more blackouts.



# ECO Hybrid How it works

Your Reliable  
Energy Solution  
Partner

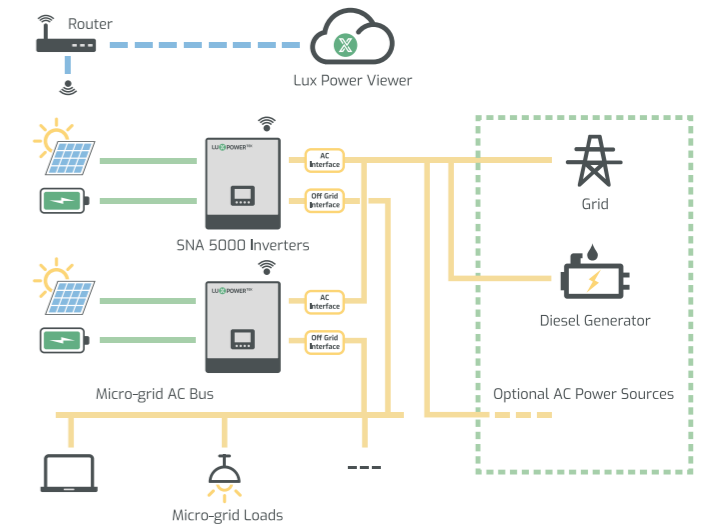
## / System Connection

Off grid system is a good solution for the area where the grid power is unstable or there is no electricity at all.

Advantage of solar power:

- Easy to install
- Efficient
- Cost-effective
- Environment-friendly

Can partially or completely replace diesel generator.  
Flexible from 3 to 50kW

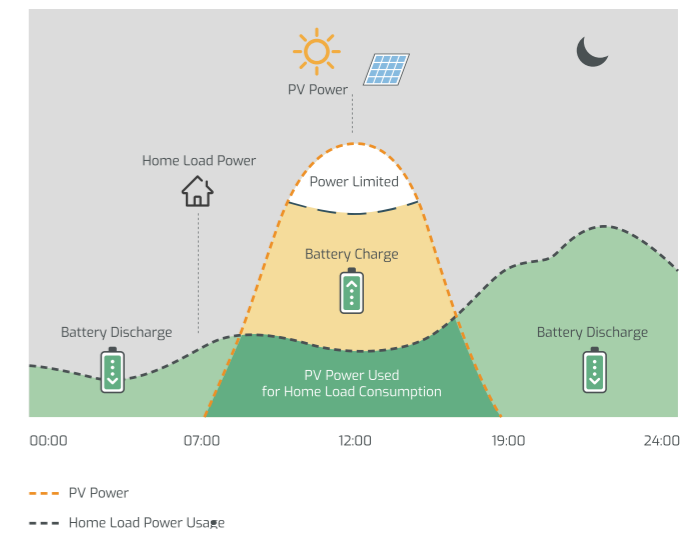


## / Working Mode

SNA 3-5kW series off grid inverters can support the system to work as a back-up power or a replacement of diesel generator. Since the inverter support paralleling function, the capacity of system can range from 3kW to 50kW. The inverter support several working modes.

Pure off-grid working mode: working as traditional off grid inverters, can set using AC first or solar first.

Hybrid working mode: working as a hybrid, support solar and utility jointly take the load, can set to self consumption mode or charge priority mode.



# Reclaim Your Power

## ECO Hybrid SNA3-5k

- Intelligent offgrid & hybrid modes
- PV & AC power loads simultaneously
- Wide PV input voltage range
- Easy to use with battery
- Free monitoring & remote upgrade
- Single phase or unbalanced three phase
- Advanced Parallel, up to 50kW
- Separate generator interface available
- Host inverter automatically generated to manage entire system

## Specification

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Output	SNA3000	SNA4000	SNA5000
Rated power	3000W/3000VA	4000W/4000VA	5000W/5000VA
Parallel capacity	YES	YES	YES
Normal output voltage	230/240, Split phase 220/110 Vac *	230/240, Split phase 220/110 Vac *	230/240, Split phase 220/110 Vac *
Normal output frequency	50/60Hz	50/60Hz	50/60Hz
Surge power	6000VA	8000VA	10000VA
Switch time	10ms	10ms	10ms
Wave form	Pure sine wave	Pure sine wave	Pure sine wave
Battery			
Battery Type	Lithium/Lead-Acid	Lithium/Lead-Acid	Lithium/Lead-Acid
Normal Voltage	51.2V/48V	51.2V/48V	51.2V/48V
Max. Charge Voltage	59V	59V	59V
Solar			
Max. Recommended PV Power	3200W/3200W	3200W/3200W	3200W/3200W
MPPT Tracker	2	2	2
DC Input Voltage Range	100-480Vdc	100-480Vdc	100-480Vdc
MPPT Voltage Range	100-385Vdc	100-385Vdc	100-385Vdc
Start-up Voltage	120Vdc	120Vdc	120Vdc
Max. Solar Charge Current	110A	110A	110A
Max. Solar Input Current	13A/13A	13A/13A	13A/13A
Max. MPPT Efficiency	>98%	>98%	>98%
Grid			
Normal Voltage	230Vac	230Vac	230Vac
AC Voltage Range	110-280Vac	110-280Vac	110-280Vac
Max. Charge Current	60A	60A	60A
Frequency Range	50/60Hz(Auto Sensing)	50/60Hz(Auto Sensing)	50/60Hz(Auto Sensing)
General			
Dimensions(W/H/D)	330x504x135mm	330x504x135mm	330x504x135mm
Weight	14Kg	14Kg	14Kg
Protection Degree	IP20	IP20	IP20
Relative Humidity	5%~95% Relative Humidity (Non-condensing)		
Operating Temperature	0°C~50°C	0°C~50°C	0°C~50°C
Storage Temperature	-15°C~60°C	-15°C~60°C	-15°C~60°C
Inter			
Display	LCD+LED	LCD+LED	LCD+LED
Lithium Battery Communication	CAN/RS485	CAN/RS485	CAN/RS485
RS485/Dry Connector	YES/YES	YES/YES	YES/YES
Wifi/GPRS	YES/YES	YES/YES	YES/YES
Warranty	2 year	2 year	2 year

\*For Split phase version

# Top Energy Storage App

Nominated by LeapDroid UK

<https://leapdroid.com/?p=6076>



Android



IOS



# Intelligent Power Management System

Luxpower has dedicated to making things easier since day 1.

Thanks to the greatly accessible monitor and management,

All needs from users, installers, distributors, can be met.



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# Certificate



# Your Reliable Energy Solution Partner