LU X POWER

Making your life better
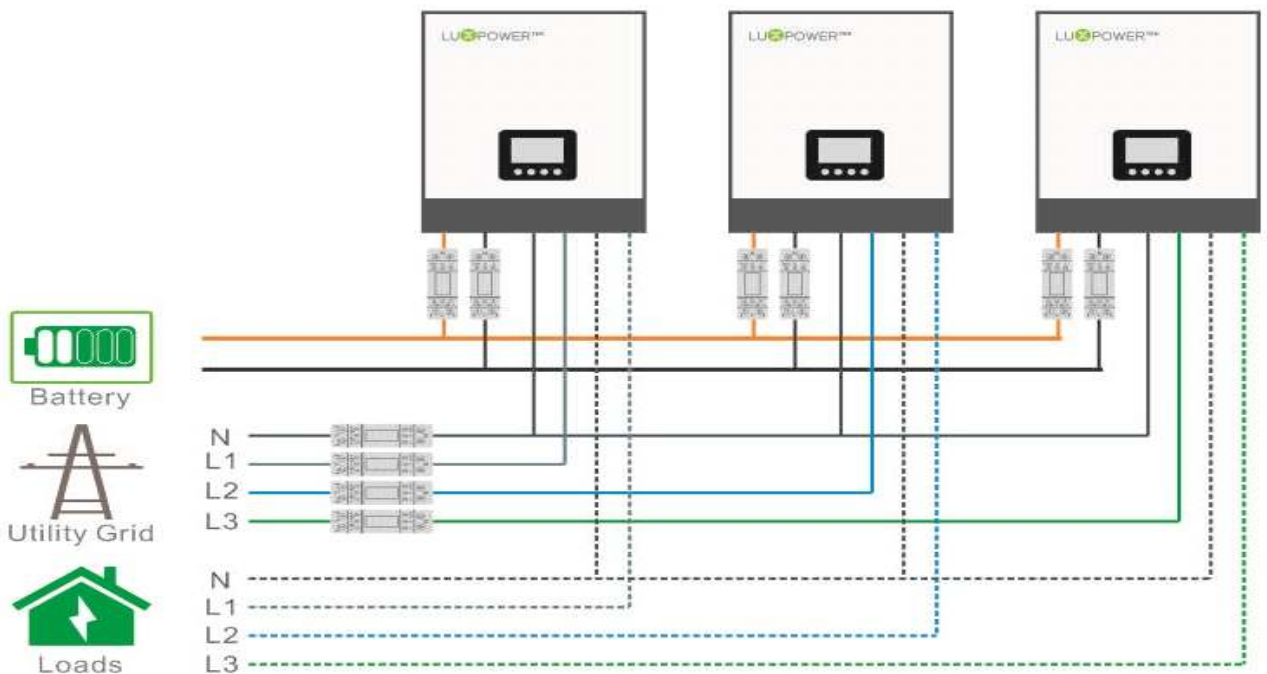# Lux Power off grid inverter

FEATURES--Wireless Paralleling Function

10pcs or even more paralleling extend to 50kW.

Can connect battery as one big group bank or separately battery group; Keep same SOC for groups.

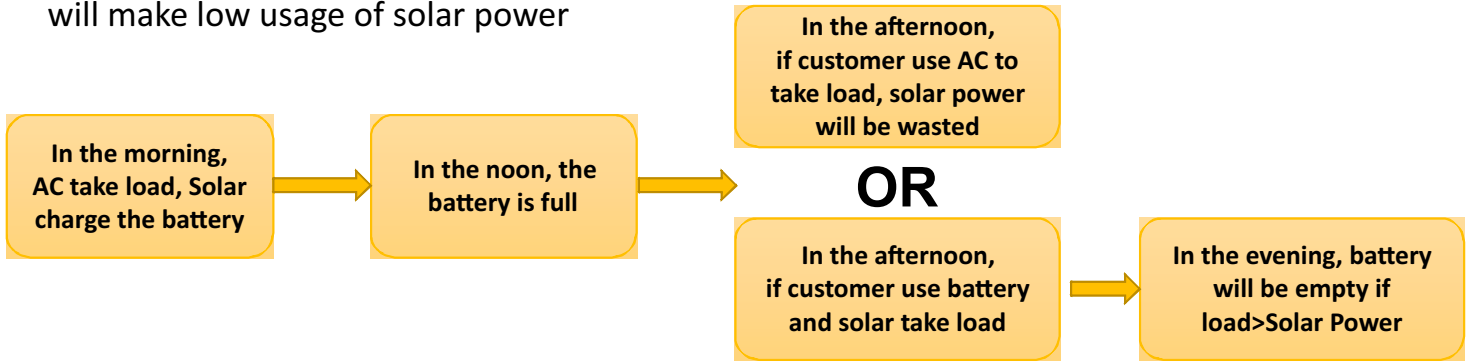Do not require inverters to battery same cable length.

No current share cable, same easy communication cable connection

Output Data	SNA 5000
Reted Power	5000W/5000VA
Parallel Capacity	Yes
Nominal Output Voltage	230/240,Split phase 220/110Vac*
Nominal Output Frequency	50Hz/60Hz
Surge Power	10000VA
Switch Time	10ms
Wavefrom	Pure sine wave
Battery Data	
Battery Type	Lithium/Lead-Acid
Nominal Voltage	51.2V/48V
Max.Charge Voltage	59V
Solar Charge Data	
Max.Recommended PV Power	5000W
MPPT Tracker	2
Max.PV Open Circuit Voltage	145Vdc
MPPT Voltage Range	60-115Vdc
Max.Solar Charge Current	80A
Max.MPPT Efficiency	>98%
Parallel MPPT Charger	Yes
AC Charger Data	
Nominal Voltage	230Vac
AC Voltage Range	110-280Vac
Max.Charge Current	60A
Frequency Range	50Hz/60Hz(Auto Sensing)
General Data	
Dimensions(W/H/D)	330/504/135mm
Weight	14Kg
Protection Degree	IP20
Relatively Humidity	5%-95%Relative Humidity(No-condensing)
Operating Temperature	0-50
Storage Temerature	-15
Interfaces	
Display	LCD+LED
Lithium Battery Communication	CAN/RS485
RS485/Dry Connector	YES/YES
Wifi/GPRS	YES/YES
Warranty	2years

FEATURES--Grid/Battery/PV Jointly Take the Load

➤ For traditional off grid inverter, load was taken either by battery/PV or by AC grid , which will make low usage of solar power

| In the morning, AC take load, Solar charge the battery | → | In the noon, the battery is full | → | In the afternoon, if customer use AC to take load, solar power will be wasted |

OR

| In the afternoon, if customer use battery and solar take load | → | In the evening, battery will be empty if load>Solar Power |

➤ For Sonar Off grid inverter, you can use PV and utility take load and keep battery full at the same time

FEATURES--Independent Generator Input

➤ Independent generator input, free of ATS outside

➤ Flexiable control of generator
  ➤ Battery level/battery voltage can be set to turn on the generator
  ➤ Battery level/battery voltage can be set to turn off the generator

FEATURES--Battery Management

➤ Support Pylon/Weco/Dyness/Aoboet/UFO Li-ion battery

➤ One cable connection, do not need any external box for Li-ion battery communication

➤ Support battery equalization function to active the battery periodly
➤ Support Battery wake up function