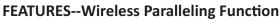


Solar Panel Energy (Pty) Ltd 204 Louis Trichardt Blvd Vanderbijlpark www.sp-energy.co.za

Making your life better Lux Power off grid inverter

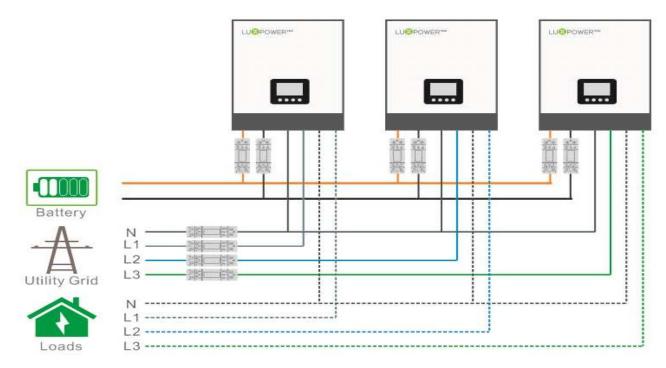


10pcs or even more paralleling extend to 50kW.

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.

LUOPOWER"

No current share cable, same easy communication cable connection

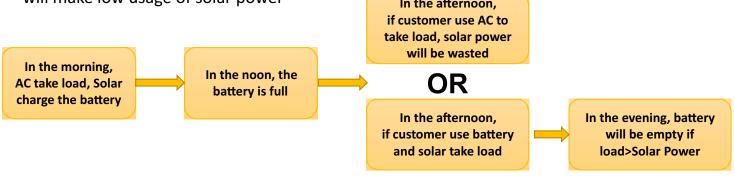




Output Data	SNA 5000
Reted Power	5000W/5000VA
Parallel Capacity	Yes
Nominal Output Voltage	230/240,Split phase 220/110Vac*
Nominal Output Frequency	50Hz/60Hz
Surge Power	10000VA
Switch Time	10ms
Wavefrom	Pure sine wave
Battery Data	
Battery Type	Lithium/Lead-Acid
Nominal Voltage	51.2V/48V
Max.Charge 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	0-502
Storage Temerature	-152
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 afternoon,



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

LXP | Features, Generator control

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



LXP | Features of Battery Connection

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