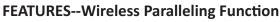


Solar Panel Energy (Pty) Ltd 204 Louis Trichardt Blvd Vanderbijlpark www.sp-energy.co.za

Making your life better Lux Power off grid inverter

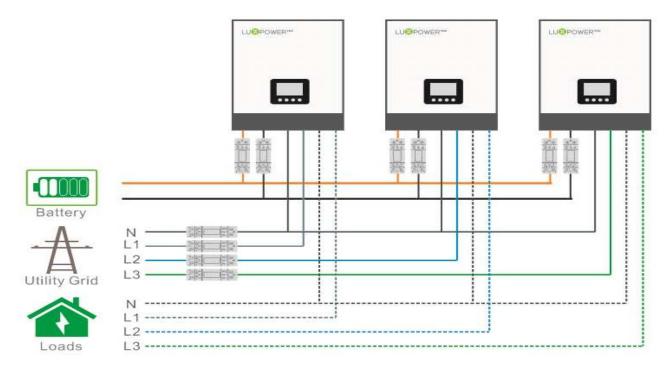


10pcs or even more paralleling extend to 50kW.

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

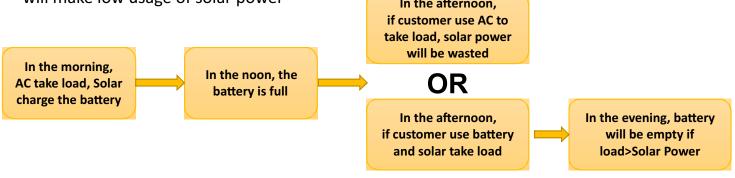




| Output Data | SNA 5000 |
|-------------------------------|--|
| Reted Power | 5000W/5000VA |
| Parallel Capacity | Yes |
| Nominal Output Voltage | 230/240,Split phase 220/110Vac* |
| Nominal Output Frequency | 50Hz/60Hz |
| Surge Power | 10000VA |
| Switch Time | 10ms |
| Wavefrom | Pure sine wave |
| 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