

# IP65 WATERPROOF HYBRID LVX6048WP

120/240V LV HYBRID  
SOLAR INVERTER



MAX  
SOLAR  
7.5KW

PV  
INPUT  
2

AC COUPLING  
SUPPORT

TESTED AND  
APPROVED



IP65

TÜVRheinland  
CERTIFIED

UL1741  
COMPLIANT



IP65 WEATHER GRADE <sup>1</sup>  
Waterproof and Dustproof



BUILT-IN WIFI MODULE <sup>2</sup>  
Monitoring on smartphones



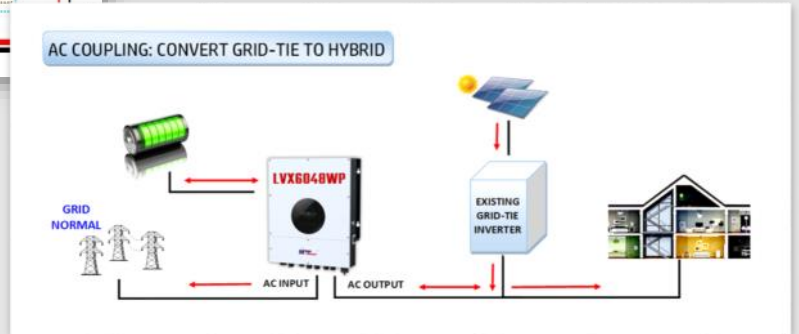
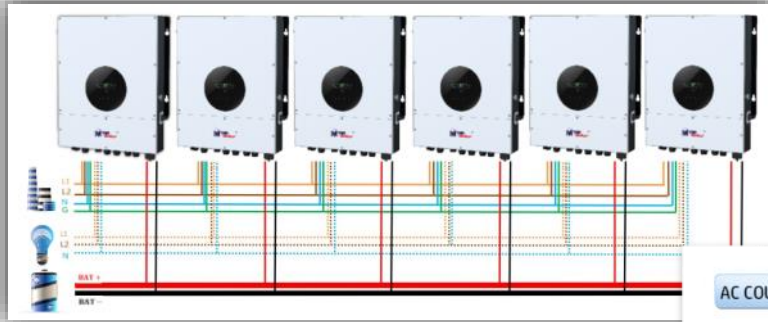
PARALLEL CAPABLE  
Max 6 units, 120/240V Split Phase



GRID-INTERACTIVE  
Support Grid-Tie or Off-Grid

1. certain restrictions apply: do not install units on sites where there is direct exposure to sunlight, rain, snow, >95% humidity, near antenna or at altitude >2km above sea level  
2. available on iPhone and Android.

## 120/240V LV HYBRID SOLAR INVERTER



### Waterproof Hybrid LV Inverter

### LVX6048 WP

#### STANDARD RATING

Continuous Output	6000W
System DC Volt	48VDC
AC Input Voltage	120 VAC (P-N) / 240 VAC (P-P)
AC Input Frequency	50 / 60Hz, auto-sensing
Maximum Parallel	Up to 6 units

#### PV INPUT / SOLAR CHARGING

Max PV Input Power	5500W (each input) / 7500W (total)
Max PV Input Volt	600V (Voc)
MPPT Range	120 - 550 VDC
Max PV Input Current	15A
Number of PV Input	2
Max Charging Current	120A

#### OUTPUT MODE

Output Waveform	Pure Sine Wave
AC Output Voltage	120 VAC single phase, 208/240 VAC split phase
AC Output Frequency	50 / 60Hz, programmable
Max AC Input Current	30A
Max Efficiency	>91%
Max Utility Charging	120A
Max Utility + Solar Charging	120A
Max Bulk/Float Charge	62V

#### ENVIRONMENTAL / MECHANICAL SPECIFICATIONS

IP Rating	IP65
Communication Port	USB / RS232 / RS485 / WIFI / Dry Contact
Operating Temp.	-25 ~ 60°C (power derate >45°C)
Operating Humidity	0 - 95% RH (No Condensing)
Dimension / Net Weight	700*515*216mm / 41KG
Altitude	Max 2000m (power derate >1000m)

Product specifications are subject to change without further notice.

