

LVX6048

HYBRID SOLAR INVERTER

SPLIT PHASE 120V/240V

120/240V SPLIT PHASE
HYBRID SOLUTION



FREE SolarPower App
Available on Google Play &
Apple Store



Basic Information		Product Information	
Grid Voltage	0.0V	Grid Frequency	0.0Hz
Grid Frequency	0.0Hz	PV Input Voltage	0.0V
PV Input Voltage	0.0V	Battery Voltage	48.3V
Battery Voltage	48.3V	Battery Capacity	5%
Battery Capacity	5%	Battery Charging Current	0A
Battery Charging Current	0A	Battery Discharge Current	0A
Battery Discharge Current	0A	AC Output Voltage	230.0V
AC Output Voltage	230.0V	AC Output Frequency	50.0Hz
AC Output Frequency	50.0Hz	AC Output Apparent Power	0W
AC Output Apparent Power	0W		



BUILT-IN WIFI Transmitter¹



BMS COMMUNICATION²



GRID INTERACTIVE³



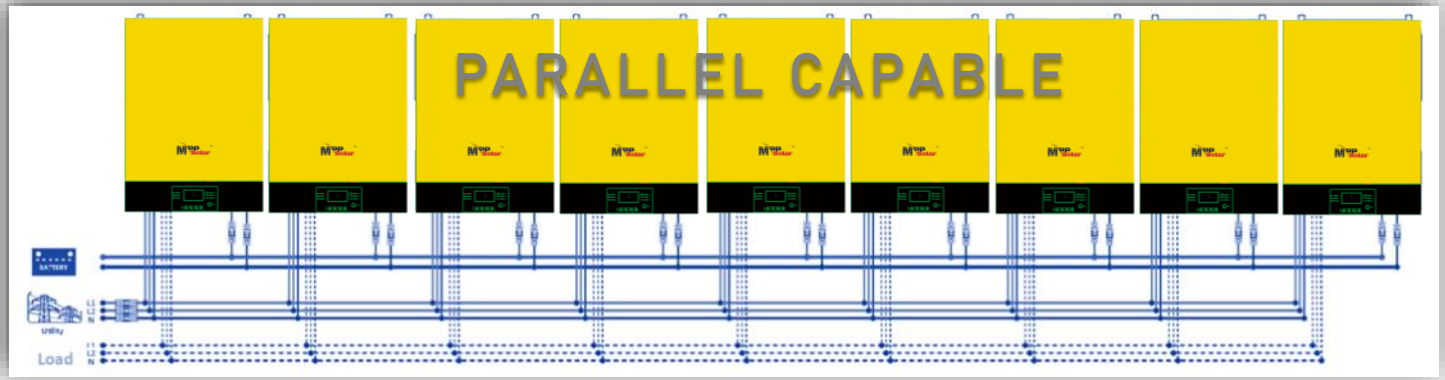
BATTERY OPTIONAL⁴



PARALLEL CAPABLE⁵

1. Broadband Internet connection required.
2. Pylontech / Soltaro / WECO BMS systems are supported.
3. Users advised to check with local certification requirement before use.
4. Applicable only to single unit. Parallel setup requires battery at all time.
5. Parallel kits requires and sold separately

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Split Phase Hybrid LV SERIES

LVX6048

STANDARD RATING

Continuous Output	6000W
System DC Volt	48VDC
AC Input Voltage	110 VAC (P-N) / 220 VAC (P-P)
Maximum Parallel	Up to 9 units

PV INPUT / SOLAR CHARGING

Max PV Input Power	6000W
Max PV Input Volt	450V (Voc)
MPPT Range	120 - 450 VDC
Number of PV Input	1

OUTPUT MODE

Output Waveform	Pure Sine Wave
AC Output Mode	110 VAC (P-N) / 220 VAC (P-P)
Frequency	50 / 60Hz, auto-sensing
Max Bypass Current	40A
Max Efficiency	>93%
Max Utility Charging	120A
Max Solar Charging	120A
Max Utility + Solar Charging	120A
Max Bulk / Float Charge	64V

ENVIRONMENTAL / MECHANICAL SPECIFICATIONS

Communication Port	USB / RS232 / DRY CONTACT / WIFI / BMS
Operating Temp.	0 - 50°C
Operating Humidity	0 - 90% RH (No Condensing)
Dimension	593*365*138mm
Net Weight	26KG

*Product specifications are subject to change without further notice.

