

120V / SPLIT PHASE  
OFF GRID SOLUTION



120V SINGLE PHASE

208V / 240V SPLIT PHASE

120V / 208V 3-PHASE\*

\*3-unit parallel required



# ALL-IN-ONE

Max output **6KW**, 48VDC

Dual MPPT trackers (MAX 80A\*2)

Max PV array up to 8KW

Utility charging up to 60A

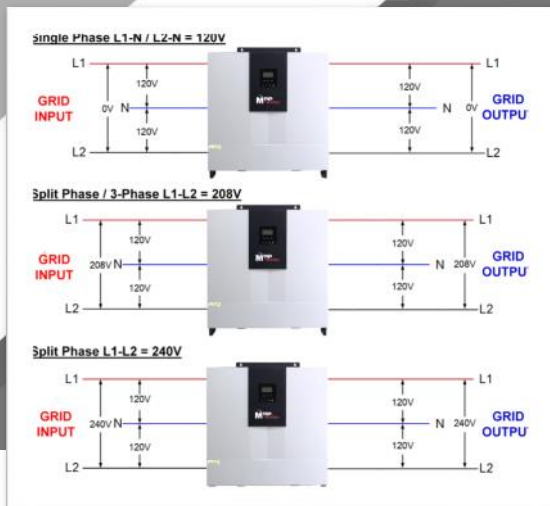
Max system charging up to 220A

Parallel up to 3 units

Genset starter dry contact\*\*

Versatile programming options

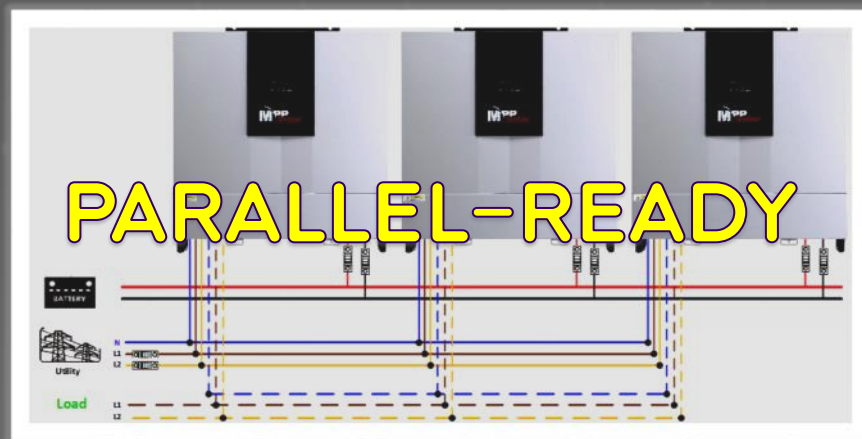
FREE monitoring software



# SPLIT PHASE LV6048

\*\*requires inverter-type generator of acceptable output quality

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## Split Phase LV SERIES

LV6048

### STANDARD RATING

Continuous Output	6000W
System DC Volt	48VDC
AC Input Voltage	110 / 120VAC (Phase - Neutral)
Maximum Parallel	Up to 3 units

### PV INPUT / SOLAR CHARGING

Max PV Input Power	8000W (4000W each input)
Max PV Input Volt	145VDC (open circuit Voc)
MPPT Range	60 - 110VDC
Number of PV Input	2
Max Charging Current	160A (80A X 2)

### OUTPUT MODE

Output Waveform	Pure Sine Wave
AC Output Mode	120V L-N / 240V L1-L2 / 208V L1-L2 3-Phase
Frequency	50 / 60Hz, auto-sensing
Max Bypass Current	40A
Max Efficiency	>90%
Max Utility Charging	60A
Max Utility + Solar Charging	220A
Max Bulk/Float Charge	58.4V

### ENVIRONMENTAL / MECHANICAL SPECIFICATIONS

Communication Port	USB / RS232 / Dry Contact
Operating Temp.	0 - 50°C
Operating Humidity	0 - 90% RH (No Condensing)
Dimension	623*610*130mm
Net Weight	30Kg

\*Product specifications are subject to change without further notice.