

**220-240V HYBRID
SOLAR INVERTER**

120A CHARGING

MAX OUTPUT 6KW

MAX PV 7000W

HV V2-6048T



2X DUAL AC

Twin AC output terminals (AC1 and AC2) provides smart load management and control

27A PV INPUT

Now allows max PV input current up to 27A which provides better flexibility when configuring array

GRID-INTERACTIVE

Enabling this feature will inject surplus power from PV to Grid via AC INPUT¹

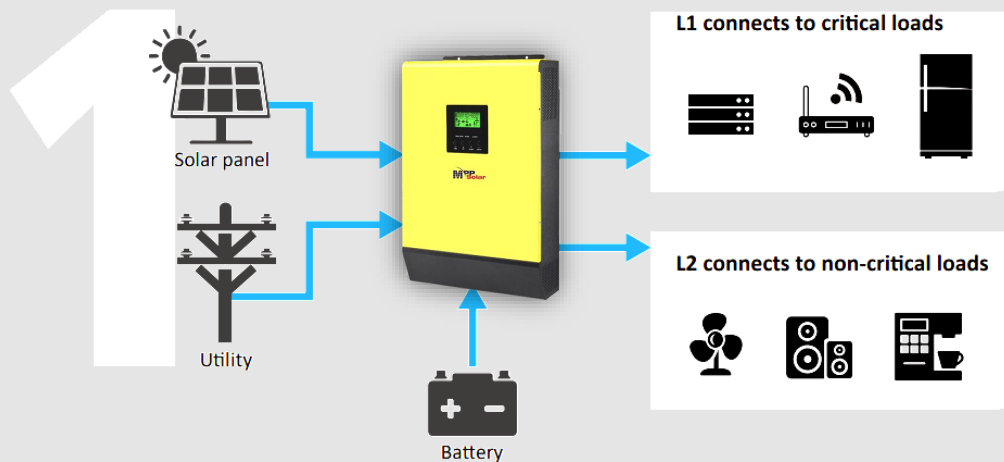
9X PARALLEL

No more worry about not having enough power. Max parallel up to 9 units²

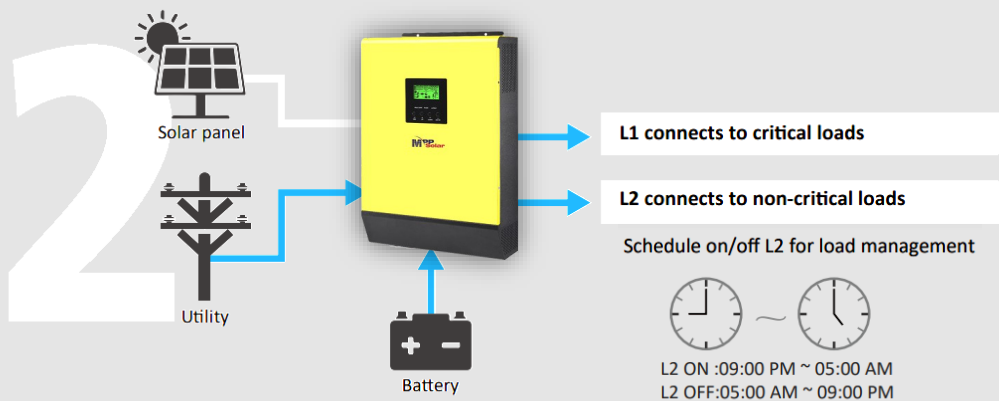
1. Before use, please contact local power authority to ensure compliance
2. Requires parallel kit (sold separately). Parallel setup requires battery input.

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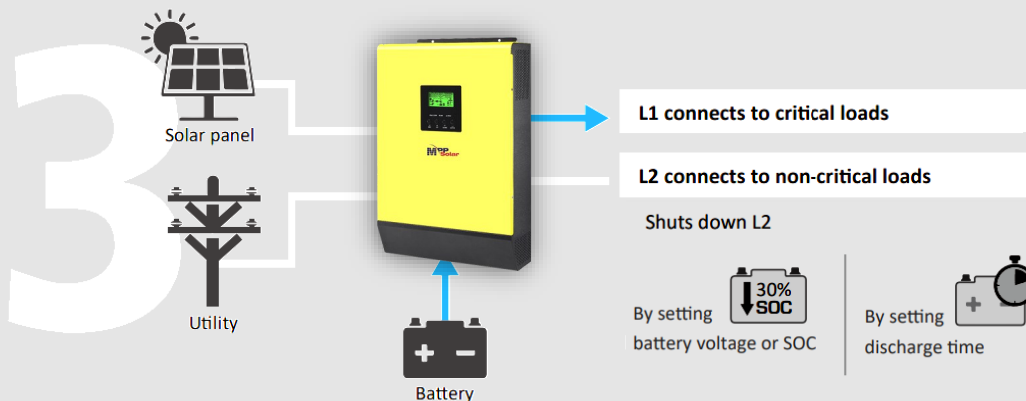
PV & UTILITY BOTH AVAILABLE



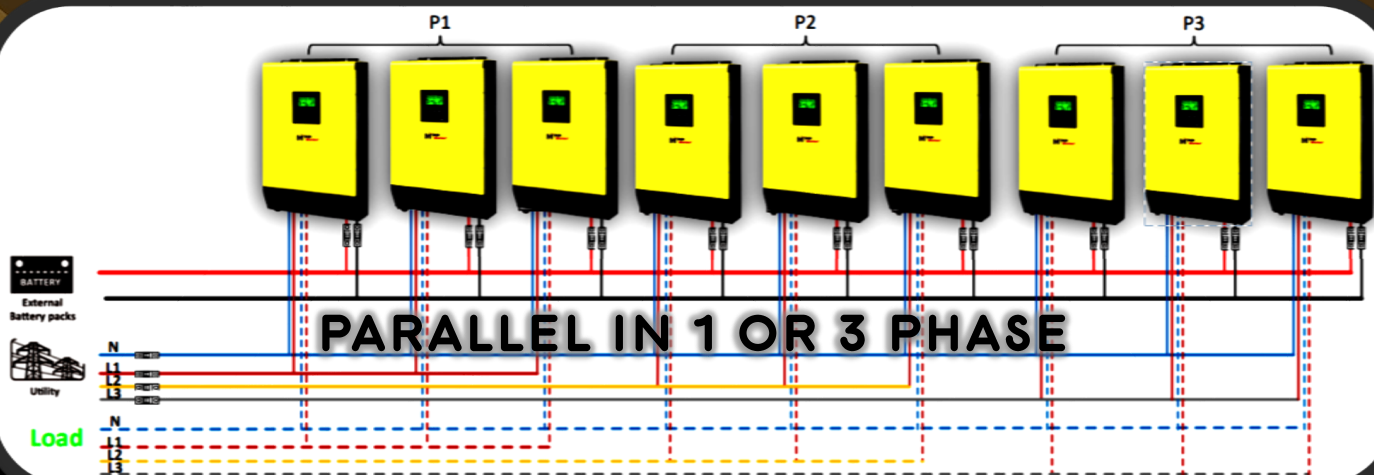
PV IS NOT AVAILABLE



ONLY BATTERY AVAILABLE



220-240V HYBRID SOLAR INVERTER



HV V2 HYBRID SERIES

HV V2-6048T

ELECTRICAL SPECIFICATIONS

Grid Interactive	Yes
Max Continuous Power	6000W
Parallel Capability	Yes, max up to 9 units
Nominal Input / Output Voltage	230 VAC
Input/Output Frequency	50Hz/60hz Auto sensing
Output Voltage Regulation	230VAC \pm 5%
Output Waveform	Pure Sine Wave
Peak Efficiency (bypass/inverter)	>95% / >93%
Nominal Battery Voltage	48V
Maximum Battery Charging Voltage	64V
Transfer Time	10ms (UPS) / 20ms (APL) / 50ms (parallel)
Charging Mode	3-stage
Max AC Charging Current	120A
Batteryless Support	Yes (single unit mode only)

SOLAR CHARGER

Algorithm	MPPT
Max PV Input / Output	7000W
Max Charging Current	120A
Max PV Input Voc	500VDC
MPPT Range	120 - 430VDC
Max PV Input Current	27A

ENVIRONMENTAL / MECHANICAL SPECIFICATIONS

Communication Port	RS232, USB, DRY CONTACT
Operating Temp.	-10°C ~ 50°C
Operating Humidity	5% to 95% Relative Humidity (Non-condensing)
Dimension	468*295*120mm
Net Weight	12Kg