

IP65 WATERPROOF HYBRID

6048WP

220-240V HYBRID  
SOLAR INVERTER



MAX  
OUTPUT  
6KW

MAX  
SOLAR  
6.5kw

TESTED AND  
APPROVED  
IP65



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



GRID-INTERACTIVE <sup>2</sup>  
Support Grid-Tie or Off-Grid



PARALLEL CAPABLE  
Max 9 units, **Built-in Parallel Kit**

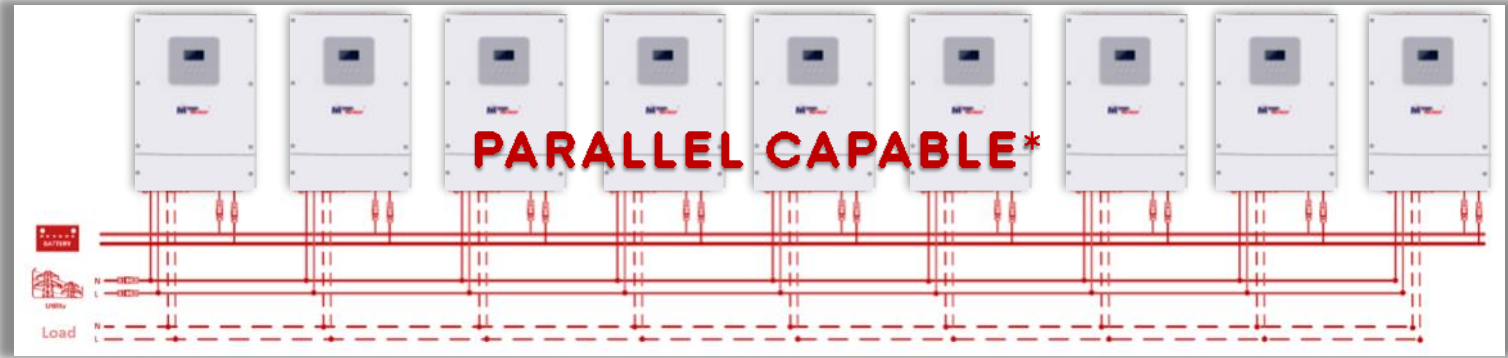


BATTERYLESS FEATURE <sup>3</sup>  
PV power load directly

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. users advised to check local certification requirement before use.  
3. applies only to single-unit operation. **Parallel mode requires battery input.**



## 220-240V HYBRID SOLAR INVERTER



\*configurable in Single Phase or Three Phase. Battery is required.

### Waterproof Hybrid Series

### HV 6048WP

#### MAIN POWER SPECIFICATION

Continuous Output	6000W
System DC Volt	48VDC
AC Input Voltage	220-240 VAC (P-N)
AC Input Frequency	50 / 60Hz, auto-sensing
Maximum Parallel	Up to 9 units

#### PV INPUT / SOLAR CHARGING

Max PV Input Power	6500W
Max PV Input Volt	550V (Voc)
MPPT Range	120 - 450 VDC
Max PV Input Current	27A
Number of PV Input	1
Max Charging Current	120A

#### OUTPUT MODE

Output Waveform	Pure Sine Wave
AC Output Voltage	220-240 VAC (P-N)
AC Output Frequency	50 / 60Hz, programmable
Max AC Input Current	40A
Max Efficiency	>93%
Max Utility Charging	120A
Max Utility + Solar Charging	120A
Max Bulk/Float Charge	64V

#### ENVIRONMENTAL / MECHANICAL SPECIFICATIONS

IP Rating	IP65
Communication Port	USB / RS232 / RS485 / BMS / Dry Contact
Operating Temp.	-20 ~ 50°C
Operating Humidity	0 - 95% RH (No Condensing)
Dimension	665*360*200mm
Net Weight	23KG

Product specifications are subject to change without further notice.

