

IP65 WATERPROOF HYBRID

220-240V HYBRID  
SOLAR INVERTER

# 5048 / 6048WP



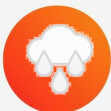
MAX  
OUTPUT  
**6KW**

MAX  
SOLAR  
**6KW**

TESTED AND  
APPROVED



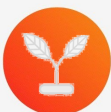
**IP65**



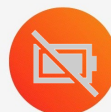
**IP65 WEATHER GRADE**  
Waterproof and Dustproof



**GRID-INTERACTIVE <sup>1</sup>**  
Support Grid-Tie or Off-Grid



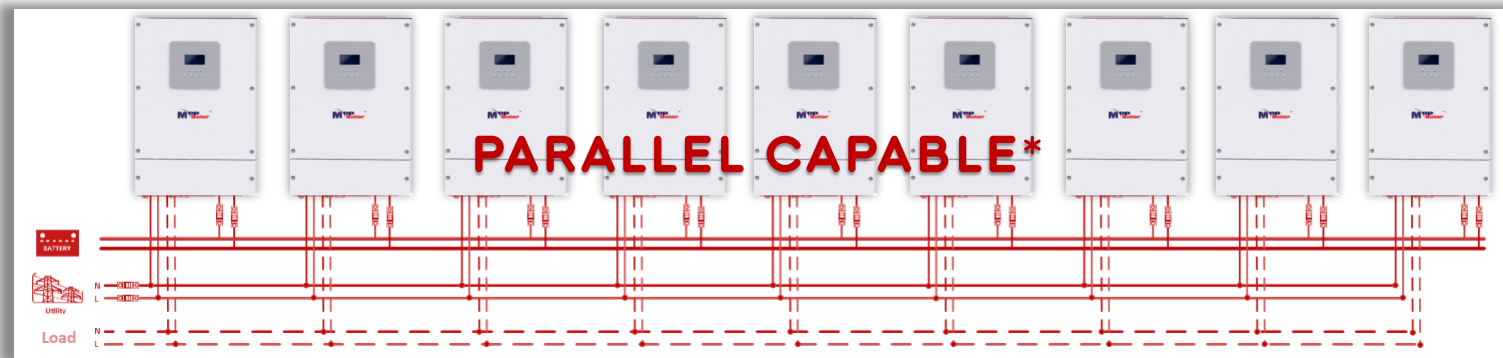
**PARALLEL CAPABLE**  
Max 9 units, 1-Phase/3-Phase



**BATTERYLESS FEATURE <sup>2</sup>**  
PV power load directly

1. Users advised to check local certification requirement before use.  
2. Applies only to single-unit operation. Parallel mode requires battery input.

## 220-240V HYBRID SOLAR INVERTER



\*configurable in Single Phase or Three Phase.

Waterproof Hybrid Series	5048WP	6048WP
<b>STANDARD RATING</b>		
Continuous Output	5000W	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	
<b>PV INPUT / SOLAR CHARGING</b>		
Max PV Input Power	6000W	
Max PV Input Volt	500V (Voc)	
MPPT Range	120 - 450 VDC	
Max PV Input Current	27A	
Number of PV Input	1	
Max Charging Current	100A	
<b>OUTPUT MODE</b>		
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	100A	
Max Utility + Solar Charging	100A	
Max Bulk/Float Charge	64V	
<b>ENVIRONMENTAL / MECHANICAL SPECIFICATIONS</b>		
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.

