



ALL Series

All In One Hybrid Inverter



- Power saving
- Load friendly
- Efficient heat dissipation
- High energy efficiency
- Uninterrupted power supply
- Dual LFP battery activation method



Pure Sine Wave



MPPT Controller



RS232 / RS485 / CAN



PV Input



Household

ALL Series

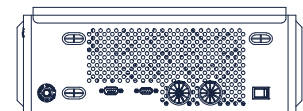
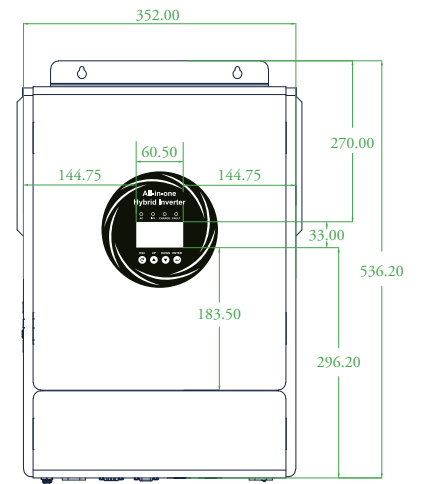
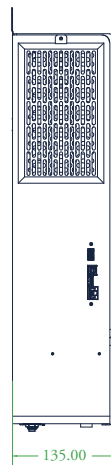
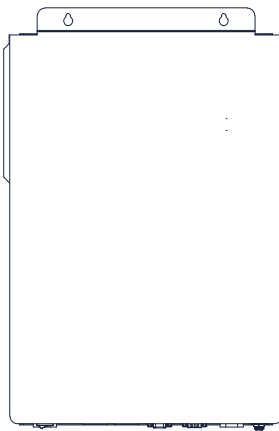
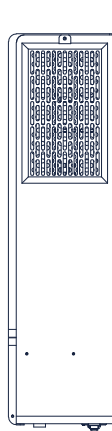
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Mobile Applications & Cloud



This application allows you to track and manage smart power systems anytime, anywhere through 4G or WIFI. Open the application now. You will know how to save electricity bills.

Dimensions

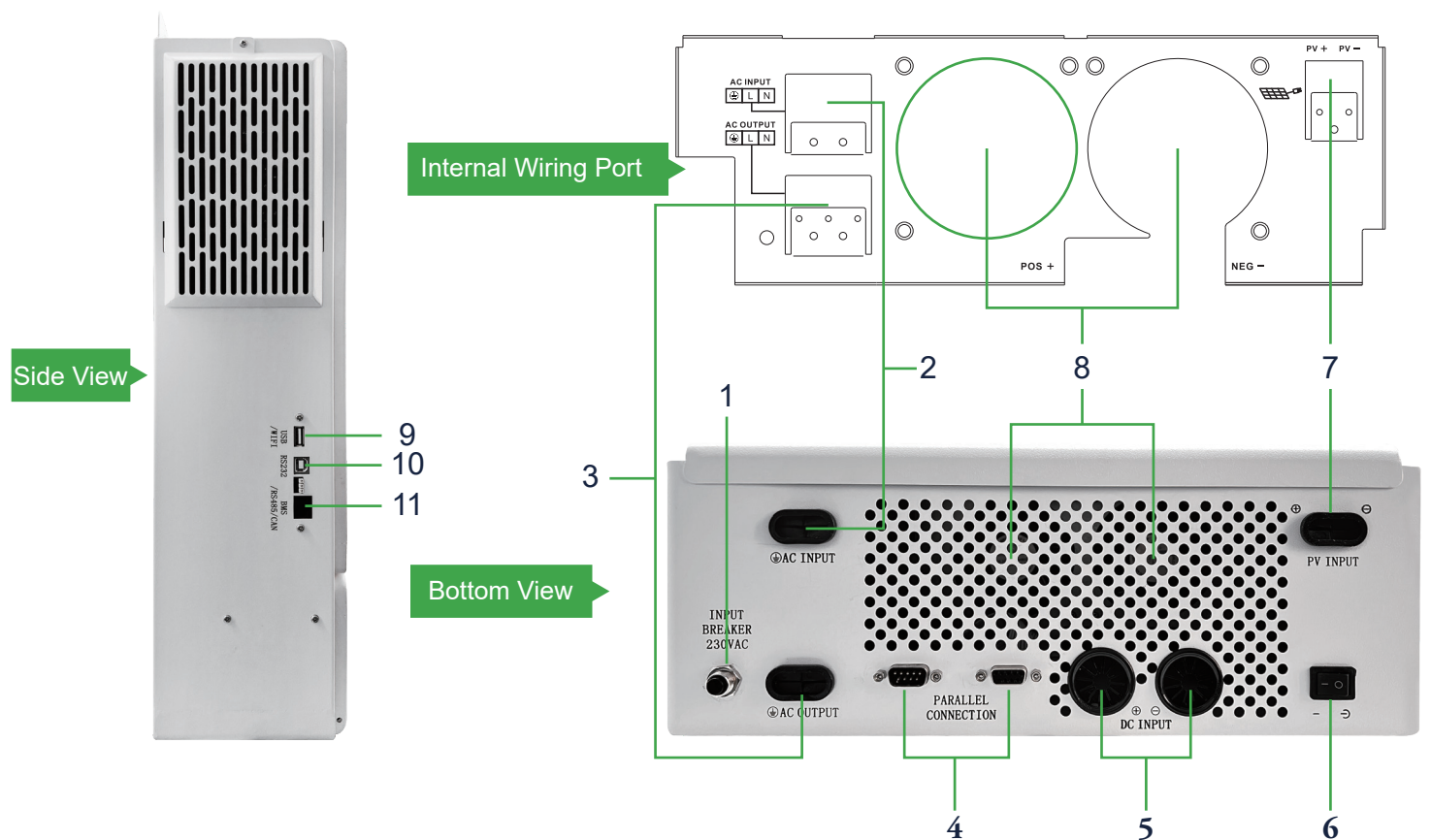


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Description

Hybrid input, MPPT and inverter all in one, more power output option. High power conversion efficiency, easy installation and use, low failure rate. RS485 / 232 / CAN communication, and parallel extensions are optional function.



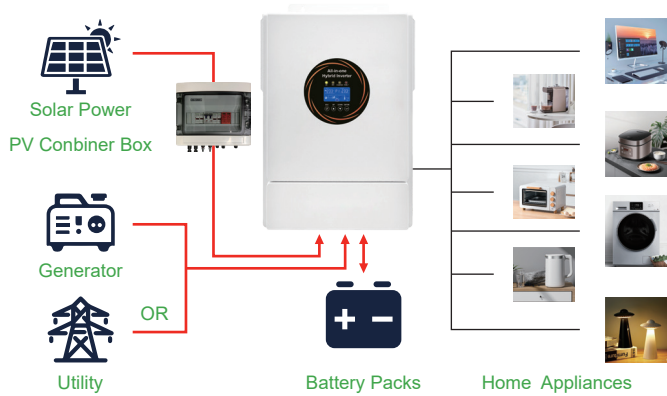
1	Input Breaker	2	AC Input Port	9	USB / WIFI Communication Port
3	AC Output Port	4	Parallel Connection	10	RS232 Communication Port
5	Battery Port	6	ON / OFF Switch	11	BMS / RS485 / CAN Communication Port
7	PV Input	8	Fan		

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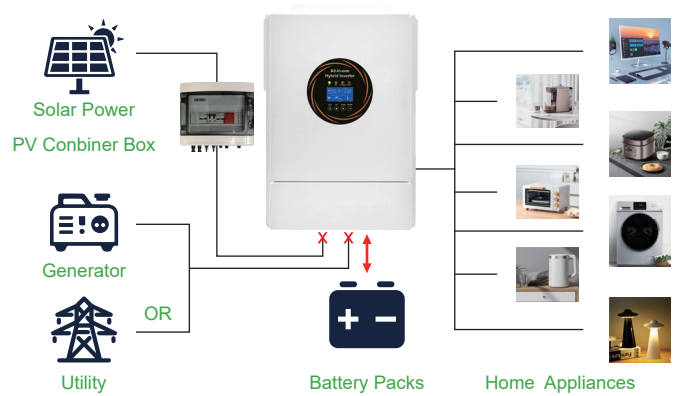
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Solar System Connection

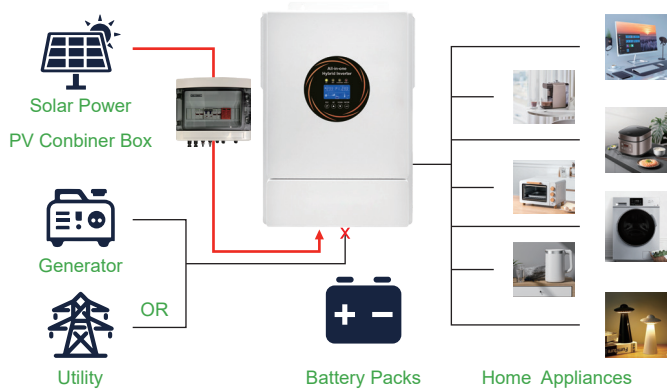
DC / AC Powered Supply



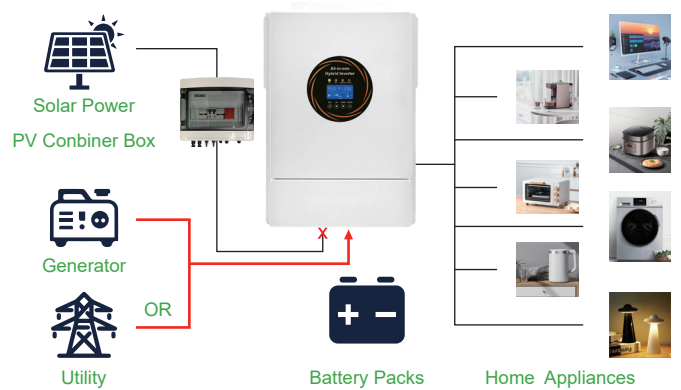
Solar Power & AC Power Not Available



Only Powered By Solar Energy

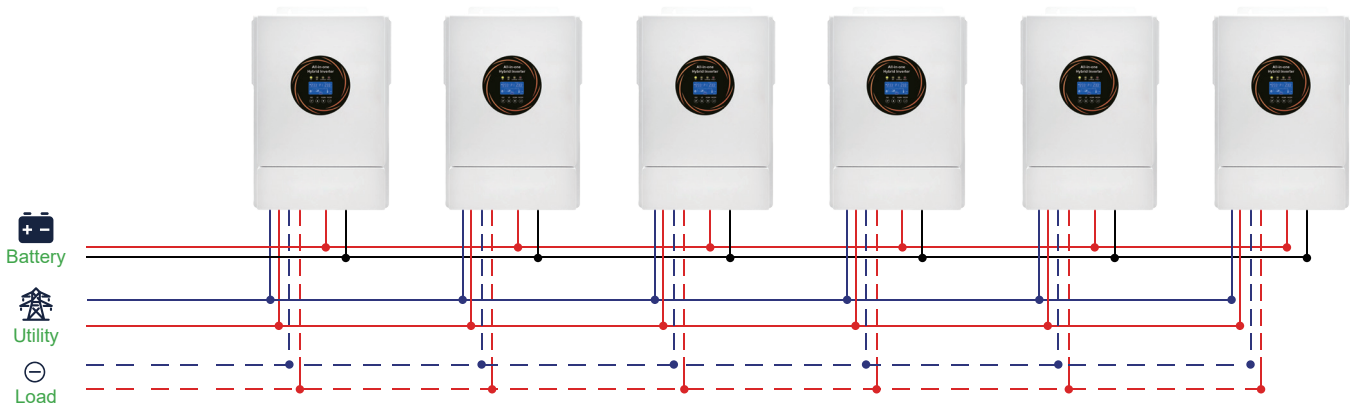


AC Power Available



Parallel Diagram

Max. 6 Units Solar Charge Inverters



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Parameter

Model	All 486000Pro
INPUT	
Single Phase	L+N+PE
Rated Input Voltage	220/230/240VAC
Voltage Range	90-280VAC \pm 3V (Normal Mode) 170-280VAC \pm 3V
Frequency Range	50/60Hz (Adaptive)
OUTPUT	
Rated Output Power	6000W
Output Voltage	220/230/240VAC \pm 5%
Output Frequency	50/60Hz \pm 0.1%
Waveform	Pure Sine Wave
Switch Time	10ms (Typical)
Peak Power	12400VA
Overload Capacity	10.5s@110%~150% Load ; 5.5s@150%~200% Load ; 200ms@>200% Load
Peak Efficiency	>94%
BATTERY	
Rated Voltage	48Vdc
Constant Voltage Charging Voltage	56.4Vdc
Float Charging Voltage	54Vdc
CHARGER	
PV Charging Method	MPPT
PV Maximum Input Power	9000W
MPPT Input Voltage Range	120~500Vdc
Optimal working range of Vmp	300~400Vdc
Maximum PV Input Voltage	500Vdc
Maximum PV Input Current	27A
Maximum AC Charging Current	100A
Maximum AC Input Current	80A
Maximum Charging Current	100A
DISPLAY	
LCD Interface	Operating / Load / Input / Output....
COMMUNICATION	
Embedded Interfaces	BMS / RS232 / RS485 / CAN / USB / Dry Contact
Parallel Interface	Yes
GENERAL	
Operating Environment Temperature	-10~50 $^{\circ}$ C
Operating Environment Humidity	20%~95% (Without Condensation)
Storage Temperature	-15~60 $^{\circ}$ C
Altitude	The altitude should not exceed 1000m
Noise	\leq 50db
Dimension(D*W*H)	536*352*135mm
Net Weight(kgs)	10.5