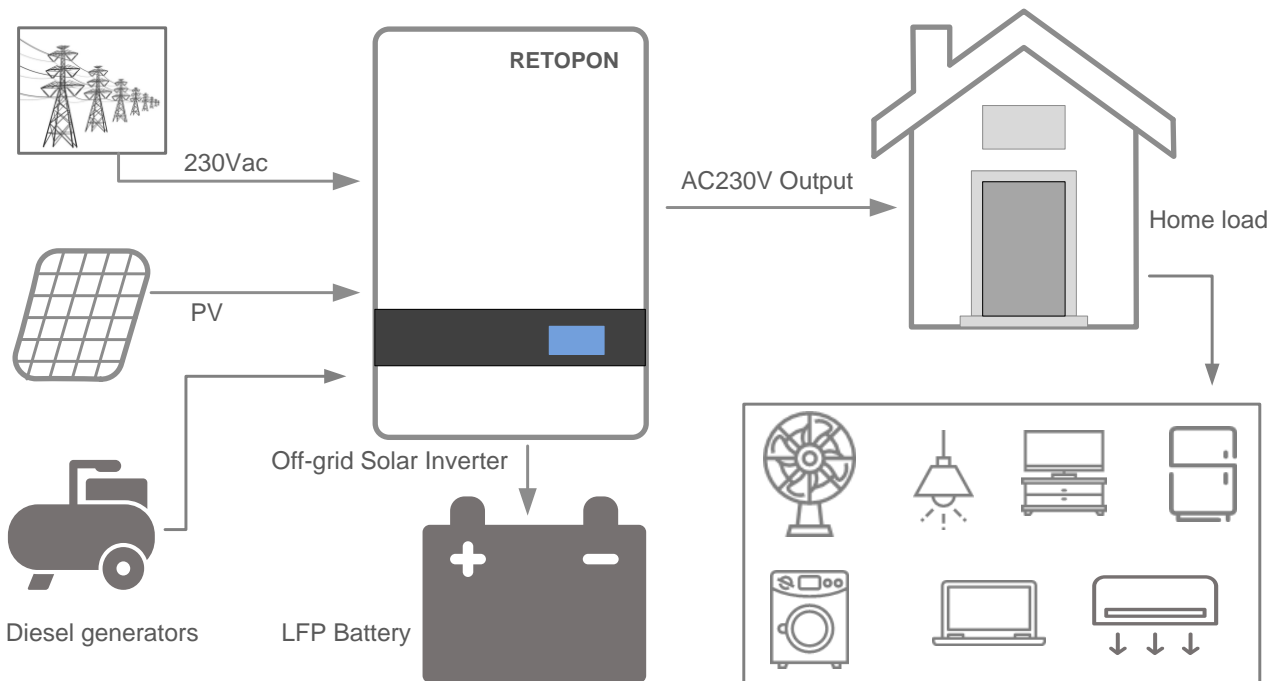


Off-grid Solar Inverter

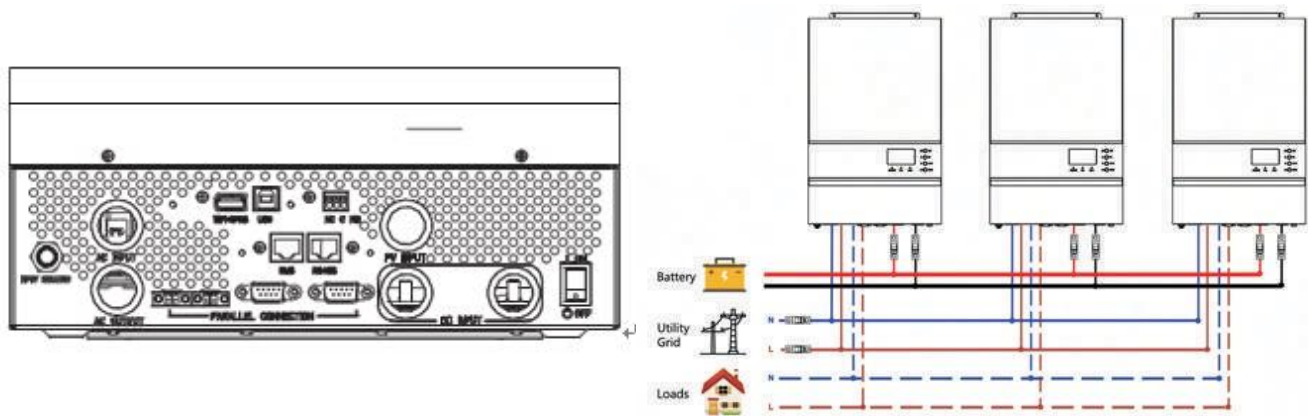
MAIN FEATURES

- Rated power 2KW ~ 5KW, power factor 1
- Built-in MPPT solar charge controller
- High frequency inverter with compact design
- Pure sine wave AC output
- Configurable AC/ solar input priority via LCD setting
- WiFi/ GPRS remote monitoring (optional)
- RS485 communication for BMS (optional)
- Parallel operation up to 6 units for Sunicorn MHP 4KW/5KW (optional)



INTRODUCTION

REP series off grid solar inverter, which is integrated with a MPPT/PWM solar controller, a high frequency pure sine wave inverter and a UPS function module in one machine. This multifunction design makes the REP Series inverter playing an important role in the off grid power.



Bottom view

Parallel connection

SPECIFICATION

INVERTER MODEL	5KVA
Monitoring Option	WiFi or GPRS
Battery Voltage	48 VDC
INVERTER OUTPUT	
Rated power	5000VA/ 5000W
Parallel Capability	Yes, 6units
AC Voltage Regulation(Batt.Mode)	230VAC \pm 5% @ 50/60Hz
Surge Power	10000VA
Peak Efficiency	93%
MPPT SOLAR CHARGER	
Maximum PV Array Power	4500W
MPPT Range @ Operating Voltage	60VDC ~115VDC
Maximum PV Array Open Circuit Voltage	145VDC
Maximum Solar Charge Current	80A
Maximum Efficiency	98%
AC CHARGER	
Max. AC Charge Current	60
AC Input Voltage	230VAV
Selectable Voltage Range	170-280 VAC (For Personal Computers); 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
AC BYPASS	
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)
PHYSICAL	
Dimension, D x W x H (mm)	455 x 295 x 130
Net Weight (kgs)	11.5
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C - 55°C
Storage Temperature	-15°C - 60°C

For the latest product information, please visit the official website: www.retopon.com, or join the company's WeChat Subscription group for more details.

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