

SOLAR
THAILAND

Solar Inverter

MPS/PS



Features

Pure sine wave inverter

Buil-in MPPT solar charge controller

HERO-5048 : Battery 48V / Solar 3000W 60-145V / Parallel

HERO-3024 : Battery 24V / Solar 600W 30-75V

www.Solar-Thailand.com

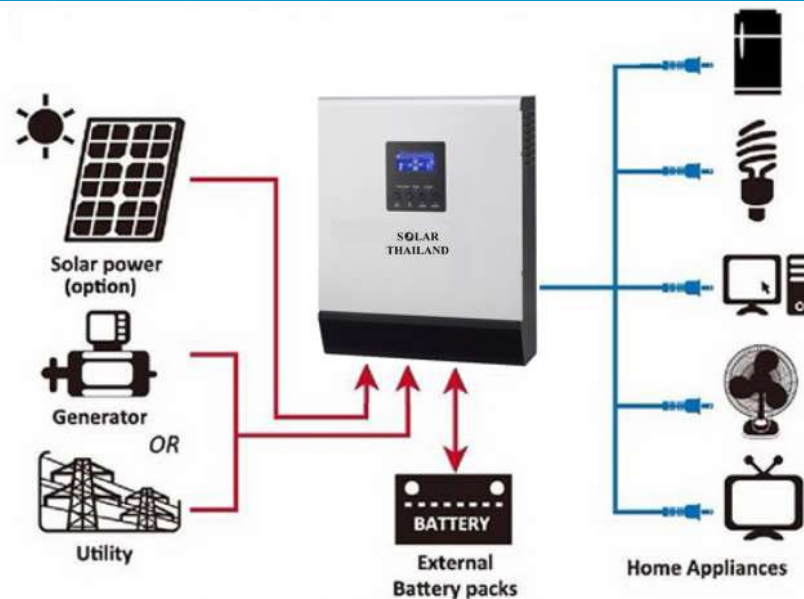
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Solar Inverter

- . Pure sine wave inverter
- . Built-in MPPT or PWM solar charge controller
- . Selectable input voltage range for home appliances and personal computers
- . Selectable charging current based on applications
- . Configurable AC/Solar input priority via LCD setting
- . Compatible to mains voltage or generator power
- . Parallel operation with up to 6 units only available for MPS/PS 4KVA and 5KVA
- . Auto restart while AC is recovering
- . Overload and short circuit protection
- . Smart battery charger design for optimized battery performance
- . Cold start function



Product Specification

Sunry

MODEL	HERO-3024	HERO-5048
Rated Power	3000 VA	5000 VA
Inverter Power	2400 W	4000 W
Pmax. Generated from solar charger	20 Amp, 900W	60 Amp 3000W
INPUT		
Voltage	230V AC 50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage (Batt.Mode)	230V AC \pm 5%	
Surge Power	6000VA	10000VA
Efficiency (Peak)	93%	
Transfer Time	10 ms for Computer / 20ms for Home	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	31 VDC	60 VDC
Maximum Charge Current	20A or 30A	60A
PV SOLAR		
Maximum PV Array Power	600 W	3000 W
MPPT Range @ Operating Voltage	30 VDC - 66 VDC	60 VDC - 115 VDC
Maximum PV Array Open Circuit	75 VDC	145 VDC
Maximum Charge Current	25 A	60 A
Maximum Efficiency	98%	
Standby Power Consumption	2 W	
PHYSICAL		
Dimension D x W x H (mm)	354 x 272 x 128	528x295x141
Net Weight (Kg)	8.0 Kg	13.5 Kg
Humidity	5% to 95% Relative Humidity	
Operating Temperature	0°C - 55°C	
Storage Temperature	-15°C - 60°C	