



Features:

- AC Output 100~120Vac
- Pure sine wave output
- Smart LCD setting(Working modes, Charge Current, Charge Voltage, etc).
- Built-in MPPT 60A/80A solar charge controller
- MPPT Efficiency max 98%
- New SUB working mode(Solar-Utility-Battery working mode) for 3K series
- Combining solar system, AC utility, and battery power source to supply continuous power
- Overload, short circuit and Deep discharge protection
- Parallel operation with up to 3 units (Available for 3KW only)
- Cold start function
- WIFI remote monitoring (optional)
- Support USB, RS485 monitoring function with free CD
- Compatible to generator

Specification

MODEL		PH18-1024 LHM	PH18-1524 LHM	PH18-2024 LHM	PH18-2524 LHM	PH18-3024 LHM	PH18-3048 LHM
Nominal Battery System Voltage		24VDC					48VDC
INVERTER OUTPUT	Rated Power	1000W	1500W	2000W	2500W	3000W	3000W
	Surge Power	2000W	3000W	4000W	5000W	6000W	6000W
	Waveform	Pure sine wave					
	AC Voltage Regulation (Batt.Mode)	(100VAC ~ 120VAC)±5%					
	Inverter Efficiency(Peak)	93%					
	Transfer Time	10ms (For Personal Computers) 20ms (For Home Appliance)					
AC INPUT	Voltage	120VAC					
	Selectable Voltage Range	90~145VAC(For Personal Computers) 65~145VAC(For Home Appliances)107~132VAC(VDE4105)					
	Frequency Range	50Hz/60Hz (Auto sensing)					
BATTERY	Normal voltage	24VDC					48VDC
	Floating Charge Voltage	27VDC					54VDC
	Overcharge Protection	31VDC					60VDC
SOLAR CHARGER & AC CHARGER	Maximum PV Array Open Circuit Voltage	145VDC					
	PV Array MPPT Voltage Range	30~130VDC					64~130VDC
	Standby Power Consumption	2W					
	PV input powerPower	1440W/1920W					2880W/3840W
	Maximum Solar Charge Current	60A/80A					
	Maximum Efficiency	98%					
	Maximum AC Charge Current	60A					
	Maximum ChargeCurrent	120A/140A					
MECHANICAL SPECIFICATIONS	MachineDimensions (W"H"D)(mm)	272*355*100					297.5*468*125
	PackageDimensions (W"H"D)(mm)	540*395*241					638*395*241
	Net Weight(kg)	13.3					
	Gross Weight(kg)	16.4					
OTHER	Humidity	5% to 95% Relative Humidity (Non-condensing)					
	Operating Temperature	0°C -55°C					
	Storage Temperature	-15°C-60°C					

* Product specifications are subject to change without further notice.