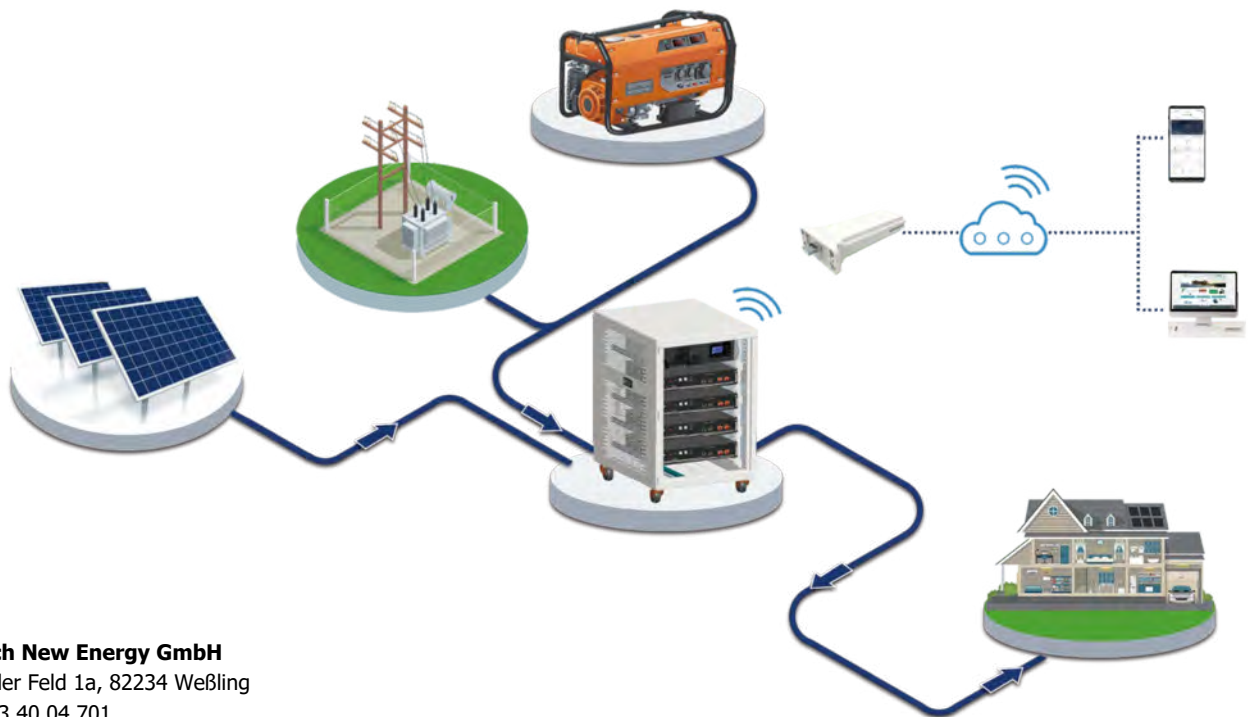


Shinemann SHP Series

High Frequency Off-Grid Solar Inverter

MAIN FEATURES

- ▶ Rated power 5KW, power factor 1.0
- ▶ 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
- ▶ RS485/CAN communication for BMS
- ▶ Parallel operation up to 6 units



High Frequency Solar Inverter

SPECIFICATION

Model	M5000H-48
Battery Voltage	48 VDC
Monitoring Option	WiFi/GPRS
Inverter Output	
Rated Power	5000VA/ 5000W
Parallel Capability	Yes, 6 units
AC Voltage Regulation (Battery Mode)	230VAC $\pm$ 5% @ 50/60Hz
Surge Power	10000VA
Efficiency (Peak)	93%
Waveform	Pure Sine Wave
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	60A
AC Input Voltage	230 VAC
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)	470*440*125(mm)
Net Weight (kg)	11.5
Operating Environment	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0℃ - 55℃
Storage Temperature	-15℃ - 60℃