SRNE HF4850S80-H

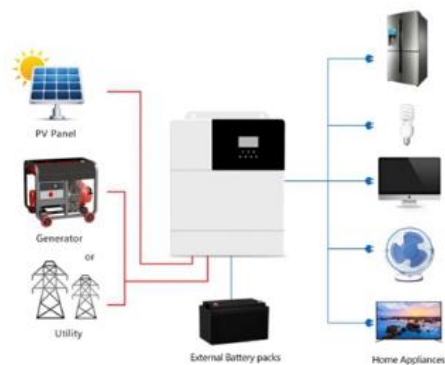# 5000W SOLAR MPPT CHARGE & INVERTER ALL IN ONE

SR-HF4850S80-H

Product overview

HF48-H series is a new all-in-one hybrid solar charge inverter, which integrates solar energy storage &means charging energy storage and AC sine wave output. Thanks to DSP control and advanced controlalgorithm, it has high response speed, high reliability and high industrial standard.
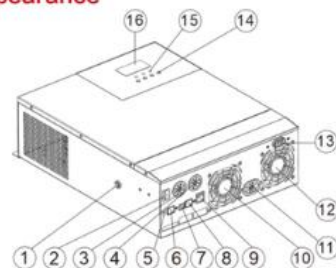
Performance characteristics

· Adopt full digital voltage and current double closed-loop control and advanced SPWM technology to output pure sine wave.
· Two output modes, i.e. mains bypass and inverter output can achieve uninterrupted power supply function.
· Available in 4 charging modes: Only Solar, Mains Priority, Solar Priority and Mains & Solar hybrid charging.
· Advanced MPPT technology, with efficiency up to 99.9%.
· Wide MPPT voltage range, 120~450vdc.
· There is no commercial power or battery, and the solar energy has independentloading function.
· With function of activating lithium battery with solar energy and AC mains power,it supports connection of lead-acid battery and lithium battery.
· LCD screen design and 3 LED indicator lights dynamically display system data andoperation states.
· ON/OFF rocker switch can control AC output.
· With power saving mode function, it can reduce no-load loss.
· Intelligent adjustable speed fan is adopted for efficient heat dissipation and extended system life.
· Possessing multiple protection functions and 360° comprehensive protection.
· Possessing complete short circuit protection, overvoltage and undervoltage protection, overload protection, back filling protection, etc.

Product connection diagram

PV Panel
Generator
or
Utility
External Battery packs
Home Appliances

Appearance

①	Overload protector	⑨	Dry contact port
②	ON/OFF rocker switch	⑩	Cooling fan
③	AC input port	⑪	Battery port
④	AC output port	⑫	Cooling fan
⑤	Grounding screw hold	⑬	PV port
⑥	RS485-2 communication port	⑭	Touch the key lightly
⑦	USB communication port	⑮	Indicator light
⑧	RS485-1 communication port	⑯	LCD screen