

Pure sine wave inverter & AC charger

HES RP pure sine wave inverters can provide energy to AC appliances from DC 12/24/48V and AC 110/120/220/230V. It is ultimate choice for electrical vehicles and large AC power loads.. It is the ideal way to provide a professional, modern, safe and reliable power supply anywhere in the world.

Inverter stands out with its wide range of available power classes and AC/DC input voltages. HES inverter's excellent overload capacity ensures that even critical loads can be operated easily.

Features

- True sine wave voltage
- Temperature & load controlled cooling fan
- Graphical LCD indicators
- Input & output fully isolation
- Excellent overload capabilities
- Optimal battery protection
- Support lithium battery charging
- Auto restart while AC is recovering
- Compatible with generator power
- Configurable AC/Battery input
- User friendly interface
- Best reliability

Protections

- Over charging
- Over Battery voltage shutdown
- Short circuit
- Over temperature and overload

Specification Setting

- By LCD or Position Machine
- Charging current, Battery Type, Input Voltage, Output Frequency,
- Wide and Narrow range of AC input Voltage, Power Saver Model,
- AC Priority or Battery Priority

Certifications

CE RoHS ISO9001



MODEL: RP 1000/2000



MODEL: RP 3000



MODEL: RP 4000/5000/6000



MODEL: RP 8000/10000/12000



Specifications

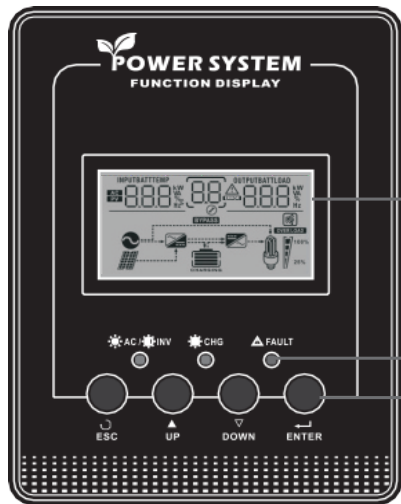
MODEL	RP1000	RP2000	RP3000	RP4000	RP5000	RP6000	RP8000	RP10K	RP12K
Rated Power	1000VA	2000VA	3000VA	4000VA	5000VA	6000VA	8000VA	10KVA	12KVA
INPUT									
Voltage	110/110/120VAC;220/230/240VAC						220/230/240VAC		
Selectable volta Range	75VAC-138VAC;155VAC-275VAC(for home applications) ; 82VAC-138VAC;165VAC-275VAC(for personal computer								
Frequency Range	40-70Hz(50Hz/60Hz)								
OUTPUT									
AC Voltage	100/110/120VAC(±10V); 220/230VAC(±10V)						220/230/240VAC		
Surge Power	2000VA	4000VA	6000VA	8000VA	15000VA	18KVA	24KVA	30KVA	36KVA
Efficiency	88%		91%				90%		
Transfer Time	<20ms		<10ms				<20ms		
Wave Form	Pure sine wave								
BATTERY									
Battery volt	12	24	24/48	24/48	24/48	24/48	48/96	48/96	48/96
Fast charging volt(VDC)	14.3	28.6	28.6/57.2	28.6/57.2	28.6/57.2	28.6/57.2	57.2/114.4	57.2/114.4	57.2/114.4
Floating charge volt(VDC)	13.7	27.4	27.4/54.8	27.4/54.8	27.4/54.8	27.4/54.8	54.8/109.6	54.8/109.6	54.8/109.6
Over charge protection (VDC)	16.5	33	33/66	33/66	33/66	33/66	66/132	66/132	66/132
Battery low volt alarm(VDC)	10.5	21	21/42	21/42	21/42	21/42	42/84	42/84	42/84
Battery low volt shutdown(VDC)	10	20	20/40	20/40	20/40	20/40	40/80	40/80	40/80
Max. Charge Current(A)	35	35	50/25	70/35	75/45	75/50	70/35	75/40	75/50
PHYSICAL									
Dimension(m m)	390*222*178		500*258*190	574*345*197			584*425*180		
Net Weight(Kg)	11.4	15	25.5	34.5	38.2	41.6	56	67	72

*AC output socket type: USA, Europe, Australia, UK, Japan, GFCI.

* Working temperature :-10℃~+55℃

* Humidity: 5-95% Relative(Non-condensing)

LCD Display



LCD display

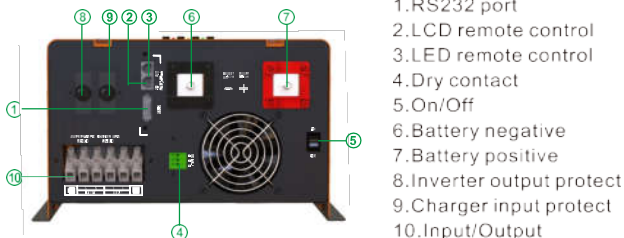
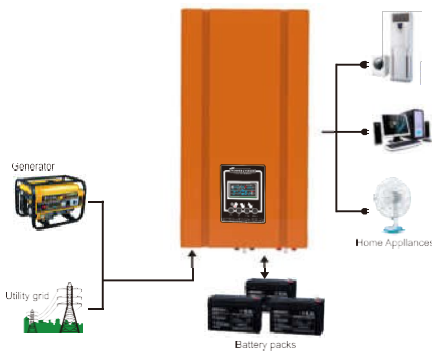
LED indicators
Function keys

RP1K-RP2KW



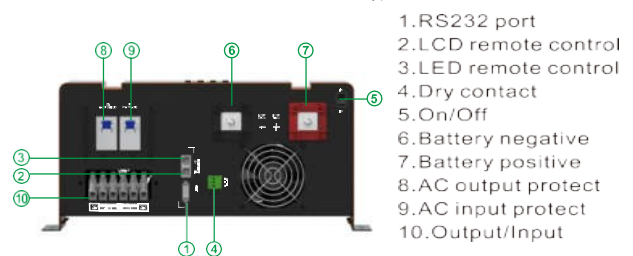
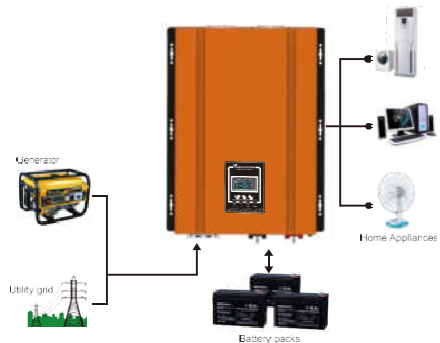
1. On/Off
2. Battery negative
3. Battery positive
4. Input/Output

RP3K-RP6KW



1. RS232 port
2. LCD remote control
3. LED remote control
4. Dry contact
5. On/Off
6. Battery negative
7. Battery positive
8. Inverter output protect
9. Charger input protect
10. Input/Output

RP8K-RP12KW



1. RS232 port
2. LCD remote control
3. LED remote control
4. Dry contact
5. On/Off
6. Battery negative
7. Battery positive
8. AC output protect
9. AC input protect
10. Output/Input

To find out more visit www.henergysolutions.com

All specifications and information are given with good intent, errors are possible and products may be subject to change without notice. Pictures may differ from actual products depending on local market re-quirements and regulations. A solar power system consists of a controller, inverter and load end. Multiple controllers/inverters are shown to represent the wide range that HES has.