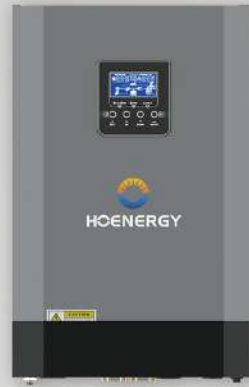


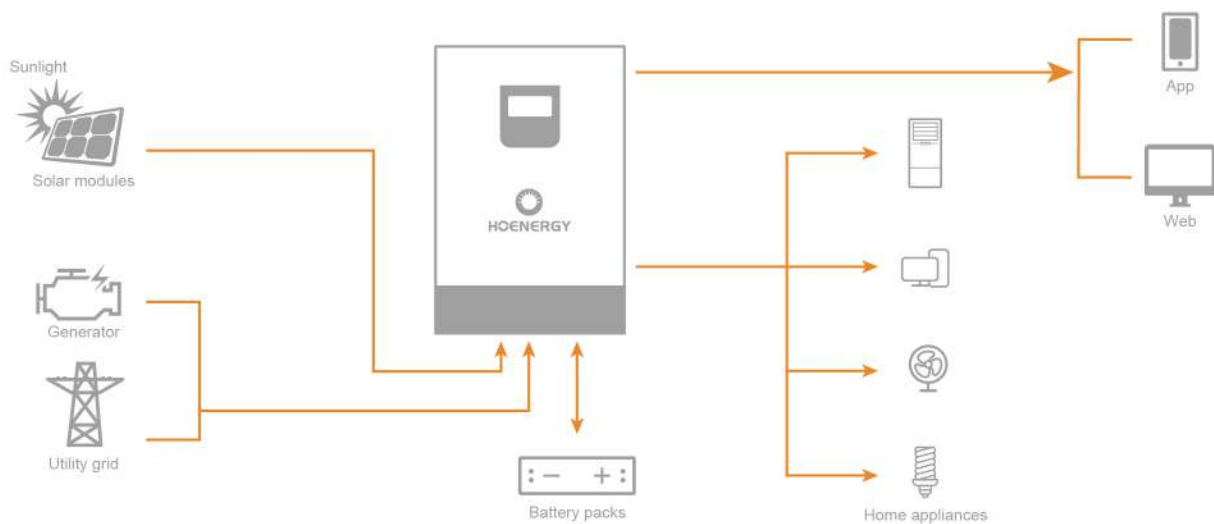
Off-grid Inverter

230V EU Series



- Simple
- Reliable
- Efficient

- Pure sine wave solar inverter
- Output power factor 1.0
- Built-in 110A MPPT solar controller
- Wide PV input range 120~500Vdc
- WiFi monitoring function (optional)
- User-adjustable supply priority for PV, battery or grid
- Compatible with lead-acid / lithium battery
- 4 working modes, working without battery in sunny day



Data Sheet

Model No.	iINV-OFF-3.5EU	iINV-OFF-5.5EU
Rated power	3500VA/ 3500W	5500VA/ 5500W
Input		
Voltage	230VAC	
Selectable voltage range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency range	50Hz/ 60Hz(Auto sensing)	
Output		
AC Voltage regulation(Batt.Mode)	230VAC±5%	
Surge power	7000VA	11000VA
Efficiency(Peak) PV to INV	97%	
Efficiency(Peak) BAT to INV	94%	
Transfer time	10ms(for personal computers) 20ms(for home appliances)	
Wave form	Pure sine wave	
Battery & AC charger		
Battery voltage	24VDC	48VDC
Floating charge voltage	27VDC	54VDC
Overcharge protection	33VDC	63VDC
Maximum charge current	80A	80A
Solar charger		
MAX.PV array power	5000W	6000W
MPPT range@operating voltage	120-500VDC	
Maximum PV array open circuit voltage	500VDC	
Maximum charging current	110A	
Maximum efficiency	98%	
Physical		
Dimension(DxWxH)	472x297x129mm/19x12x5inch	
Net weight	13kg	14kg
Communication interface	RS485/ RS232(Standard) LCD remote/ WIFI(Optional)	
Operating environment		
Humidity	5% to 95% relative humidity(Non-condensing)	
Operating temperature	0℃ to 55℃	
Storage temperature	-15℃ to 60℃	

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