

INVEREX WS SERIES

1200VA-2200VA PF0.8

INVERTER
- Single Phase

Features

- Automatic line-to-battery switchover
- Built-in enhanced AC charger
- Selectable input voltage ranges / charging
- High efficiency DC-to-AC conversion with minimized energy loss
- Rack design & wall-mounted design for flexible installation
- Intelligent 3-stage charger control for efficient charging and preventing overcharge
- Auto restart upon AC recovery
- User-friendly LCD and LED indications with setting function
- With the environmental temperature control charge management
- Multiple protections: low battery alarm, low battery shutdown, over charger protection, overload protection, over temperature protection, short circuit protection



Inverex WS Series 1200VA-2200VA Rear and Front Panels

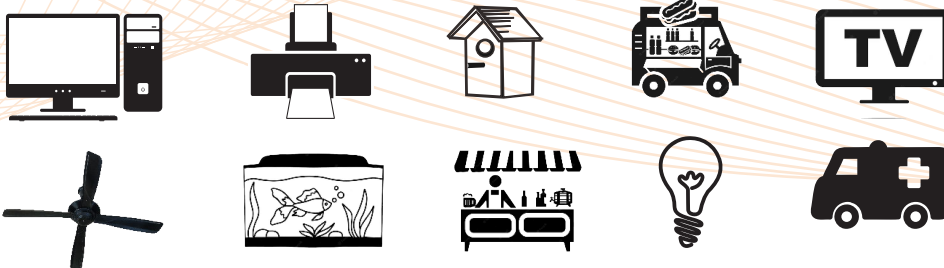
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|-------------------------|-----------------------------|
| 1. DC Input | 5. LED Indicators |
| 2. (2) UNI Outputs | 6. LCD Display |
| 3. Ventilation Fan | 7. Setting Function Buttons |
| 4. AC Input IEC 320 C14 | 8. Power ON/OFF switch |

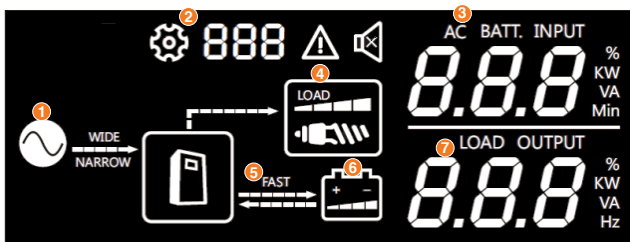


Inverex 1200WS - Inverex 2200WS

Applications:

Computer, Printer, Bird Nest House, Food Truck, Home Appliances, Aquarium, Night Market, Lighting, Ambulance etc.





LCD Screen Indicators of Inverex WS Series 1200VA to 2200VA:

1. Mode Operation Information
2. Configuration Program and Fault Information
3. Input Source Information
4. Load Information
5. Charging Information
6. Battery Information
7. Output Information

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Technical Specification

MODEL	INVEREX 1200WS	INVEREX 2200WS
Capacity	1200VA / 1000W	2200VA / 1800W
INPUT		
Nominal Voltage	220VAC - 240VAC	
Voltage Range	Wide Mode: 90VAC-280VAC (default) Narrow Mode: 170VAC-280VAC	
Frequency Range	40Hz - 70Hz (Auto Sensing)	
Input Connection	IEC 320 C13 to BS 1363A Plug	
OUTPUT		
Output Voltage	230VAC (+10%/-18%)	
Frequency Range (Battery Mode)	50 Hz / 60 Hz	
Output Connections	(2) UNI	
TOPOLOGY		
Transfer Time	15ms (Typical), 40ms (Maximum)	
Waveform (Battery Mode)	Modified Sinewave	
EFFICIENCY		
Battery Mode	> 80%	
BATTERY		
Battery Voltage	12VDC	24VDC
Charging Algorithm	3-stage charging	
AC Charger Current (Configurable)	10A / 15A / 20A (Default) / 25A	5A / 10A / 15A (Default) / 20A
Floating Charging Voltage	13.7V	27.4V
Over Charging Voltage	16V	32V
SYSTEM		
Indicators	LED & LCD	
Audible Alarms	Low Battery, Overload, Fault	
SAFETY		
Overload Protection	1min > 110%, 20s > 120%, 0s > 150%	
Full Protection	Discharge, Overcharge, Overload, Short Circuit, Over Temperature Protection	
COMMUNICATIONS / MANAGEMENT		
Auto Charge	Yes	
Auto Restart	Yes	
ENVIRONMENT		
Operating Temperature	0°C to 55°C	
Relative Humidity	5% to 95% (non-condensing)	
PHYSICAL PROPERTIES		
Dimension (W x D x H) mm	244 x 309.5 x 96	
Net Weight (kg)	2.5	2.6

• Changes to the specification contained in this document, and to prices are reserved; so are errors and omissions.

• Only order confirmations and technical documentation by KOSS UPS is binding.

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