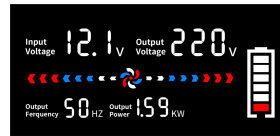
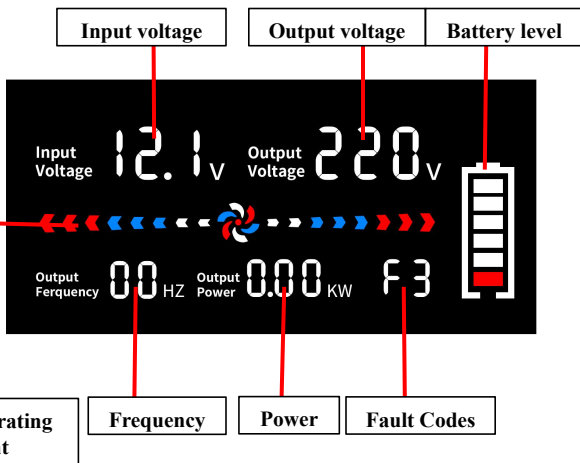
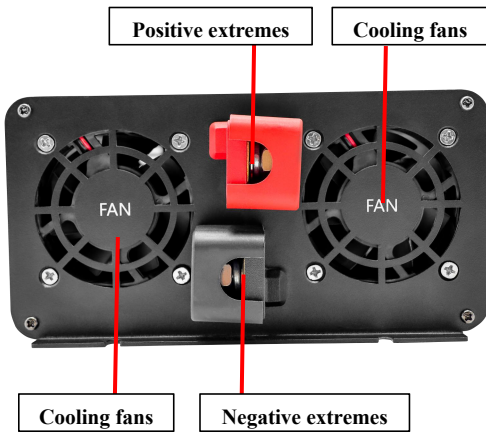
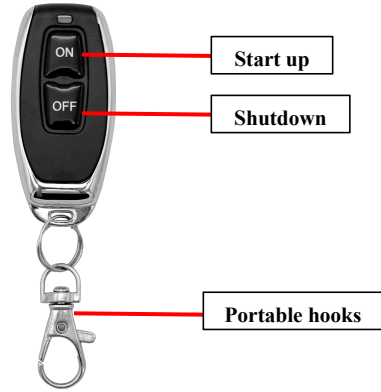
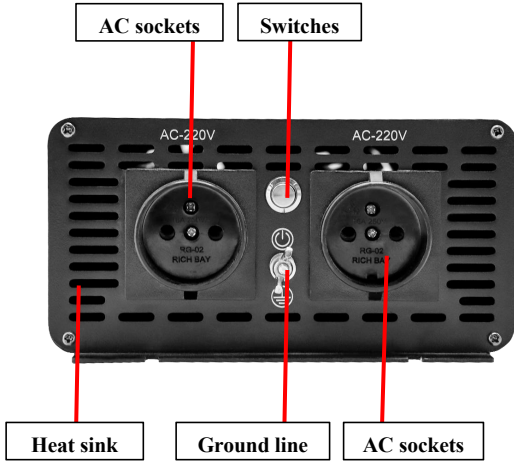


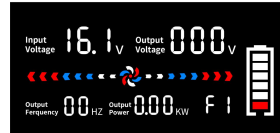
# Pure sine wave inverter manual

Power: 1000W - 3000W

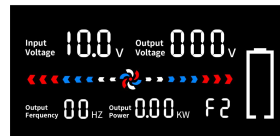
Input voltage: 12V/24V/36V/48V/60V



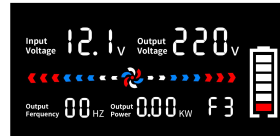
Normal operation



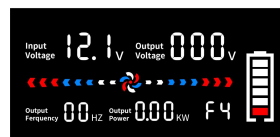
High voltage protection (F1)



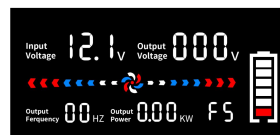
Low voltage protection (F2)



High temperature protection (F3)



Overload protection (F4)



Short circuit protection (F5)

Electrical parameters / specifications						
Model		DN2000W12V	DN2000W24V	DN2000W36V	DN2000W48V	DN2000W60V
Output	Power rating	2000W	2000W	2000W	2000W	2000W
	Maximum power	2200W	2200W	2200W	2200W	2200W
	Peak power	4400W	4400W	4400W	4400W	4400W
	AC output voltage accuracy	±10V	±10V	±10V	±10V	±10V
	Conversion efficiency	82%	90%	90%	90%	90%
	Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
	Output voltage	110/240V	110/240V	110/240V	110/240V	110/240V
Input	Voltage range	10-15V	20-30V	30-45V	34-54V	36-72V
	No-load current	< 0.5A	< 0.3A	< 0.3A	< 0.12A	< 0.12A
	Power consumption	< 6W	< 5W	< 5W	< 5W	< 5W
Protection	Input reversal	Burnt out insurance	Burnt out insurance	Burnt out insurance	Burnt out insurance	Burnt out insurance
	Short circuit	Yes	Yes	Yes	Yes	Yes
	Power Protection	2300W	2300W	2300W	2300W	2300W
	Overheating protection	> 85°C	> 85°C	> 85°C	> 85°C	> 85°C
	Overpressure	15V±0.3V	30V±0.3V	45V±0.3V	60V±0.3V	75V±0.3V
	Low pressure	10V±0.3V	20V±0.3V	31V±0.3V	40V±0.3V	50V±0.3V
Automatic recovery	Low pressure	12.6V±0.5V	25V±0.5V	37V±0.3V	50V±0.5V	62.5V±0.5V
	Overpressure	14V±0.5V	28V±0.5V	42V±0.3V	56V±0.5V	70V±0.5V
Fault alarms	Buzzer	Yes	Yes	Yes	Yes	Yes
LCD display content	Input voltage	Output voltage	Frequency	Power	Amount of electricity	/
LCD display of fault codes	Overpressure ( F1 )	Low pressure ( F2 )	Overheating ( F3 )	Overload ( F4 )	Short circuit ( F5 )	/
USB charging	TYPE-C ; QC3.0 ; 5V2.1A	TYPE-C ; QC3.0 ; 5V2.1A	TYPE-C ; QC3.0 ; 5V2.1A	TYPE-C ; QC3.0 ; 5V2.1A	TYPE-C ; QC3.0 ; 5V2.1A	TYPE-C ; QC3.0 ; 5V2.1A
Size MM	(L*W*H)	390*178*93	390*178*93	390*178*93	390*178*93	390*178*93

### Installation requirements:

1. Environment: dry, clean and ventilated
2. Operating temperature: -20° to 80°
3. Please connect with matching voltage battery
4. Please use original connection cable
5. Please do not cover the inverter

### Common problems and solutions:

- Inverter does not respond, screen does not light up, indicator light does not light up, no sound on.
  1. The battery and inverter are not connected properly, reconnect them.
  2. The poles of the battery are reversed and the fuse is blown. Replace the fuse.
- Low voltage alarm
  1. The battery is dead and needs to be charged.
  2. The battery voltage is too low or the contact is not good, recharge it, check the battery terminals or clean the terminals with a dry cloth.
- No output from inverter
  1. Battery voltage is too low, recharge or replace the battery.
  2. The load current is too high. Turn off part of the load and restart the inverter.
  3. Inverter over temperature protection. Let the inverter cool down for a period of time and put it in a ventilated place.
  4. Inverter failed to start, restart it.
  5. Inverted terminals, blown fuse, replace the fuse.