POWER INVERTER LTD
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FREQUENCY CONVERTER DATE SHEET

Part 1: Information

- Frequency Converter is converter the existing grid power into the desired frequency stable pure sine wave power and the output frequency and voltage is adjustable within a certain range,
- It is very close to the ideal AC power.
- It is not only can simulate the output voltage and frequency of the grid in different countries, But also for the export of electrical manufacturers to provide clean, reliable, low-harmonic distortion in the design, development, production, testing and other applications, high voltage and stable frequency sine wave power output.

Part 2: Application:

- Frequency Converter is mainly used in the manufacture or export traders to export electricity to detect electrical products, precision instruments used for debugging and power supply.
- Frequency Converter is widely used in home appliances manufacturing, electrical, electronics manufacturing, IT industry, computer equipment, laboratories, military aviation units also

Part 3: Working schematic

Part 4: Capacity Selection

1. Resistive load: supply capacity=1.1*load power
2. Inductive load: supply capacity = $\frac{\text{Load starting current}}{\text{Rated load current}}$ * load power
3. Rectification load: supply capacity = $\frac{\text{Load current crest factor}}{1.5}$ * load power
4. Hybrid load: Please make the model selection appropriately according to proportions of different loads.

Note: For inductive load of refrigerator and air conditioners and the like, the supply capacity should be selected according to the starting power.

Part 5: Customize range

Regard as the frequency converter, we can customized different specification are as following

1. 1phase/3phase input
2. 1phase/3phase output
3. 50hz, 60hz, 45-70hz, 100Hz, 200Hz, 400Hz available.
4. With 1-200KVA capacity.

For civil use, for industrial use, for military or aircraft use etc.

POWER INVERTER LTDA.
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3 Phase 380Vac 50/60hz to 3 phase 208Vac 50hz 90KVA 72KW Frequency Converter

1. Input Voltage: 3-phase 380VAC±10%
2. Input Frequency: 50/60HZ
3. Output Voltage : 3-phase 0-520Vac
4. Output Frequency: 50/60HZ ,47Hz~63Hz adjustable
5. Knob type
6. AC output Low voltage: Phase voltage 0-150V; Line voltage 0-260V
7. AC output High voltage: Phase voltage 0-300V; Line voltage 0-520V
8. Rate capacity : 90KVA 72KW
9. Circuit mode： IGBT/SPWM
10. Load voltage stabilizing rate: ⩽±1%
11. Pure sine wave
12. Waveform distortion degree ⩽1.5%(resistance load)
13. LCD Monitor for output frequency / output voltage / output current / output power/power factor
14. NW about 650KG
15. GW about 690KG

Referential Photo

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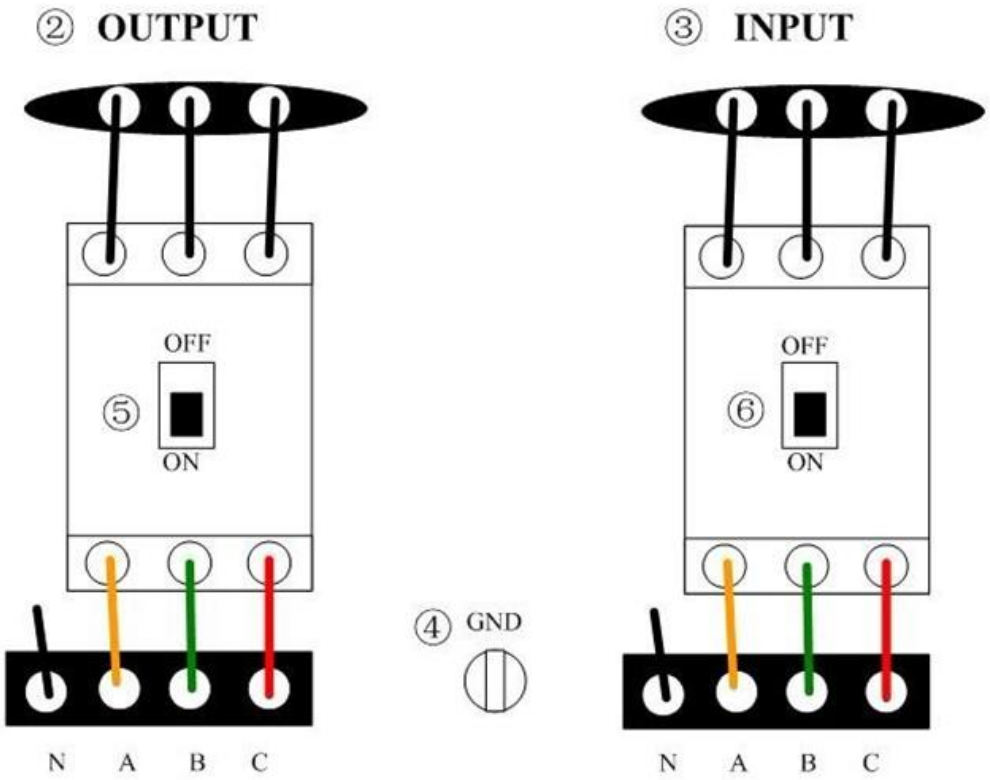

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