

Product Specification

Product: PSU Inverter Power Supplies
 Updated: 24th September 2019
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PSU-DC/AC – INV1232

Description

- A 32V AC pure sine wave, industrial power supply.

Features

- DC 12V input.
- Internal voltage limiting.
- Undervoltage protection.
- DIN rail mount
- Orange LED indicator LED
- Easily accessible blade fuse on output.
- On / Off switch for AC output
- Large screw terminals for DC input and AC output.

Electrical

- Input
 - Voltage: 12Vdc (11.5 – 13.8V)
 - Maximum current: 6A
 - Efficiency: $\geq 80\%$
 - Standby/Idle Current: 200mA
- Output
 - Pure Sine Wave
 - Voltage: 32Vac (50VA)
 - Current: 1.6A continuous, 2A peak
 - Frequency: 60Hz $\pm 1\%$

Environmental

- Operation: -10°C to $+49^{\circ}\text{C}$ Full output available.
- De-rated operation: $+50^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ maximum output at 0.7A
- Convection cooling, no fan

Certificate of Origin

- Manufactured in Hungary.

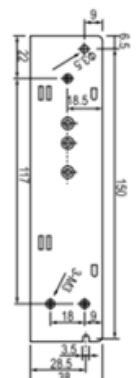
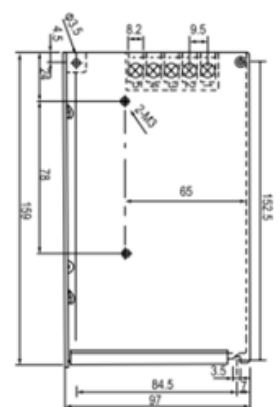
Protection

- Output short protection
- Reverse polarity protection
- Under voltage shut down below 10Vdc $\pm 5\%$, unit will restart when voltage is above 11Vdc.
- DC input is galvanically isolated from the AC outputs, greater than 100V hipot.

Approvals

- EN60950
- EN55022

Please refer to the Tonick OEM guide for integration information.





PSU-DC/AC – INV1228

Description

- A 28V AC pure sine wave, industrial power supply.

Features

- DC 12V input.
- Internal voltage limiting.
- Undervoltage protection.
- DIN rail mount
- Orange LED indicator LED
- Easily accessible blade fuse on output.
- On / Off switch for AC output
- Large screw terminals for DC input and AC output.

Electrical

- Input
 - Voltage: 12Vdc (11.5 – 13.8V)
 - Maximum current: 6A
 - Efficiency: $\geq 80\%$
 - Standby/Idle Current: 200mA
- Output
 - Pure Sine Wave
 - Voltage: 28Vac (50VA)
 - Current: 1.6A continuous, 2A peak
 - Frequency: 60Hz $\pm 1\%$

Environmental

- Operation: -10°C to $+49^{\circ}\text{C}$ Full output available.
- De-rated operation: $+50^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ maximum output at 0.7A
- Convection cooling, no fan

Certificate of Origin

- Manufactured in Hungary.

Protection

- Output short protection
- Reverse polarity protection
- Under voltage shut down below 10Vdc $\pm 5\%$, unit will restart when voltage is above 11Vdc.
- DC input is galvanically isolated from the AC outputs, greater than 100V hipot.

Approvals

- EN60950
- EN55022

Please refer to the Tonick OEM guide for integration information.

