



## NS-1228

# Switching Power Supply User Manual

### Specifications and Features:

- 28 Amps MAX, 25 Amps Continuous at 13.8 VDC.
- Light weight , only 4 lbs/1.8kg
- Compact, only 7" \* 2¼" \* 7 ½" (W\*H\*D)
- Five-Way binding post for high current radios
- Quick Connectors for low current accessories
- Over Voltage protection
- Over Current protection
- QUIET INTERNAL Cooling Fan with" fan on" LED
- Input Voltage: Selectable AC input voltage
  - 110 Vac at 47-63Hz
  - 220 Vac at 47-63Hz
- Super Regulation:
  - Works with AC input from 85 - 135 Vac or from 170 - 260 Vac.
- AC Line Fuse( 6 Amps)

### Instruction Manual

Thank you for purchasing the Nissei Switching Power Supply. The NS-1228 is designed to supply up to 28 amps maximum current (5 mins) or 25 amps continuous current at 13.8 Vdc.

### INSTALLATION:

Before plugging in the NS-1228 in an AC outlet make sure that the proper input voltage is selected on the rear of the unit. Select 115 for 100/110/120 AC operation or 230 for 200/220/240 AC operation. NS-1228 is factory set for 230V.

The loads can be connected to either the 5-way binding posts or to the cigarette lighter socket. Note that any devices that require more than 7 amps must use the 5-Way binding post output. The cigarette lighter socket output has a maximum output of 7 amps.

### OPERATION:

The NS-1228 has a fixed output at 13.8 VDC. All you have to do is connect the output and turn the power switch to the 'ON' Position.

### FAN:

The cooling fan on the NS-1228 will operate when the unit is turned ON. The speed of the fan varies depending on the setting of the DC output.

### PROTECTION:

The NS-1228 will automatically shut off if over 30 amps of current is drawn from its outputs. To reset, turn the unit OFF and wait 20 seconds,

then turn the unit back on.

The NS-1228 has a 6 amp AC input fuse at the back inside of the unit. To replace the fuse: remove the old fuse: by opening the case and replace with a new 6 amp fuse.

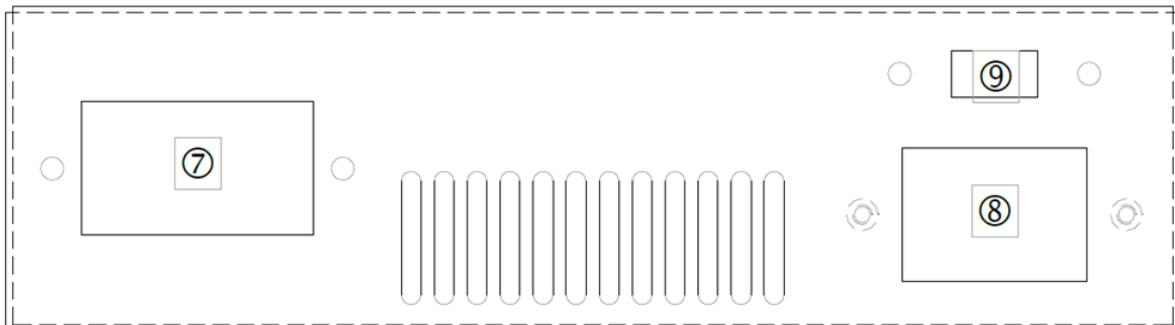
Note:

1. WARRANTY IS VOID IF VOLTAGE SELECTOR IS CHANGED

2. Circuit Diagram:

When power supply has been run for a long period, we suggest before turning off the power supply. You run the PSU for a short period of time without any load to allow the cooling fan to reduce the case temperature.

3. DANGEROUS VOLTAGE INSIDE. DO NOT OPEN.



1. POWER SWITCH

2. POWER ON INDICATOR

3. DC OUT (-)

4. DC OUT (+)

5. FAN ON INDICATOR

6. CIGARETTE LIGHTER SOCKET

7. QUICK CONNECTORS

8. AC INPUT SOCKET

9. 110V-220V INPUT VOLTAGE SELECT