

ICOM INSTRUCTIONS

DC POWER SUPPLY

PS-125

Thank you for purchasing the **PS-125** DC POWER SUPPLY. The PS-125 is designed for Icom equipments required 13.8 V DC/25 A (Max.).

Please read these instructions thoroughly before operating the PS-125.

PRECAUTION

- **NEVER** apply AC voltage that exceeds the specified voltage for the PS-125 rear panel. Excessive voltage could cause a fire or ruin the power supply.
- **NEVER** expose the power supply to rain, snow or any liquids.
- **NEVER** open the top or bottom covers. There are no user adjustment points. Opening the case may expose you to electric shock and incorrect reassembly may cause a fire hazard.
- **NEVER** let metal, wire or other objects touch any internal components through the slits of the cases. This will electric shock.
- **CAUTION!** The socket-outlet must be near the DC power supply and must be easily accessible.
- **ACHTUNG!** Die Steckdose muß nahe bei diesem Gerät angebracht und zugänglich sein.
- **KEEP** the power supply out of the reach of children.
- **USE** the power supply with an Icom equipment only. Other brands may have different pin assignment.
- **USE** an AC outlet that can supply more than 750 VA capacity. **AVOID** the use of a multi-plug adaptor.
- **DO NOT** use strong cleaning agents such as benzine or alcohol. **ALWAYS** unplug the AC cable from the AC outlet, then use a dry soft cloth when cleaning the power supply.
- **DO NOT** place liquids on or near the power supply.
- **DO NOT** place the power supply against walls or put anything to behind the power supply. This will obstruct heat dissipation.

IMPORTANT!

The connected transceiver may receive switching noise from this power supply depending on the antenna used and/or installing conditions, etc.

SPECIFICATIONS

- Input voltage : 230 V AC (50/60 Hz)
- Input current : 2.3 A
- Output voltage : 13.8 V DC \pm 5%
- Max. output current : 25 A, 50% duty (1 min. ON/1 min. OFF)
- Dimensions : 111(W) \times 94(H) \times 287(D) mm
(projections not included) 4.4(W) \times 3.7 (H) \times 11.3(D) in
- Weight (approx.) : 3.0 kg; 6 lb; 10 oz
- Usable temperature range : -10°C to $+40^{\circ}\text{C}$; $+14^{\circ}\text{F}$ to $+104^{\circ}\text{F}$

OPERATION

- ① Make sure the [POWER] switches on the PS-125 and other equipment are OFF.
- ② Connect the DC output cable of the PS-125 to the DC power input socket of the equipment.
- ③ Connect the AC power cable to an AC outlet and the PS-125.
- ④ Turn the PS-125 ON.
 - “I” : ON (red indicator lights)
 - “O” : OFF (red indicator goes off)
- ⑤ Turn the connected equipment ON.
- ⑥ To turn OFF the system, turn the connected equipment power OFF, then the PS-125 in sequence.

POWER PROTECTOR

The PS-125 has an output protection circuit. When the ⊕ and ⊖ pins are shorted, the PS-125 stops functioning. In such a case, remove the source of the problem, turn OFF the PS-125, wait several seconds, then turn it ON again.

PANEL DESCRIPTION

