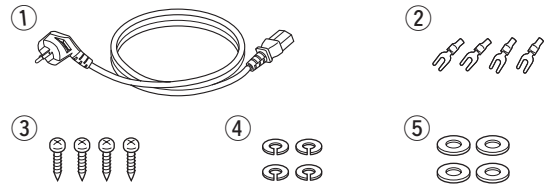


Thank you for purchasing the PS-240 AC-DC POWER SUPPLY.

Please read these instructions and transceiver's instruction manual carefully before installation and operation.

SUPPLIED ACCESSORIES

- ① AC power cable..... 1
- ② Terminals..... 4
- ③ Self-tapping screws (M5×20 mm)..... 4
- ④ Spring washers..... 4
- ⑤ Flat washers..... 4



PRECAUTIONS

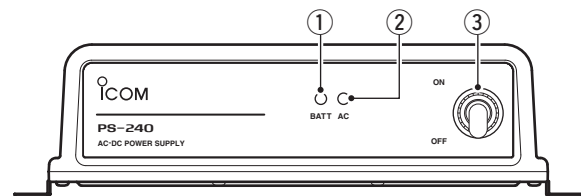
- **△NEVER** apply AC voltage that exceeds the specified voltage to the AC power socket on the rear panel. Excessive voltage could cause a fire or ruin the power supply.
- **△NEVER** apply AC voltage to the DC input terminals on the rear panel. This could cause a fire or damage the power supply.
- **△NEVER** apply more than 26 V DC to the DC input terminal on the rear panel. This could cause a fire or damage the power supply.
- **△NEVER** connect the power supply to a DC power source using reverse polarity. This will damage the power supply.
- **△NEVER** let metal, wire or other objects touch any internal part or terminals on the rear panel of the power supply. This may result in an electric shock.
- **△NEVER** open the bottom cover. There are no user adjustment points. Opening the case may expose you to electric shock and incorrect reassembly may cause a fire hazard.
- **△NEVER** expose the power supply to rain, snow or any liquids.
- **DO NOT** use or place the power supply in areas with temperatures below -15°C or above $+55^{\circ}\text{C}$.
- **DO NOT** use chemical agents such as benzine or alcohol when cleaning, as they can damage the power supply's surfaces.
- **DO NOT** place the power supply against walls or put anything to behind the power supply. This will obstruct heat dissipation.
- **BE CAREFUL!** The surface will become hot when operating the power supply continuously for long periods.
- **KEEP** the power supply out of the reach of children.
- **USE** an AC outlet that can supply more than 200 VA capacity. **AVOID** the use of a multi-plug adaptor.

IMPORTANT!

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

PANEL DESCRIPTIONS

• Front Panel



① BATTERY INDICATOR

Lights red during DC operation.

- When AC voltage is stopped applying, the PS-240 switches to the DC operation, then AC voltage is applied again, it switches back to AC operation automatically.

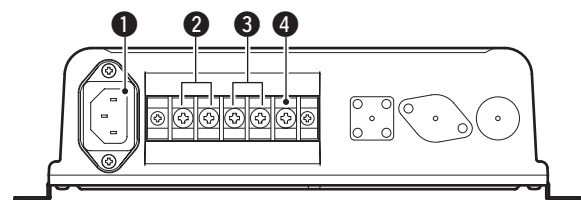
② AC INDICATOR

Lights green during AC operation.

③ POWER SWITCH

Toggles to turn the power supply ON or OFF.

• Rear Panel



① AC POWER SOCKET

Connects the supplied AC power cable to an AC outlet.

② DC POWER INPUT TERMINALS

Connect the 12 V or 24 V storage battery for the backup when the AC power is interrupted. These terminals are also used for DC power operation.

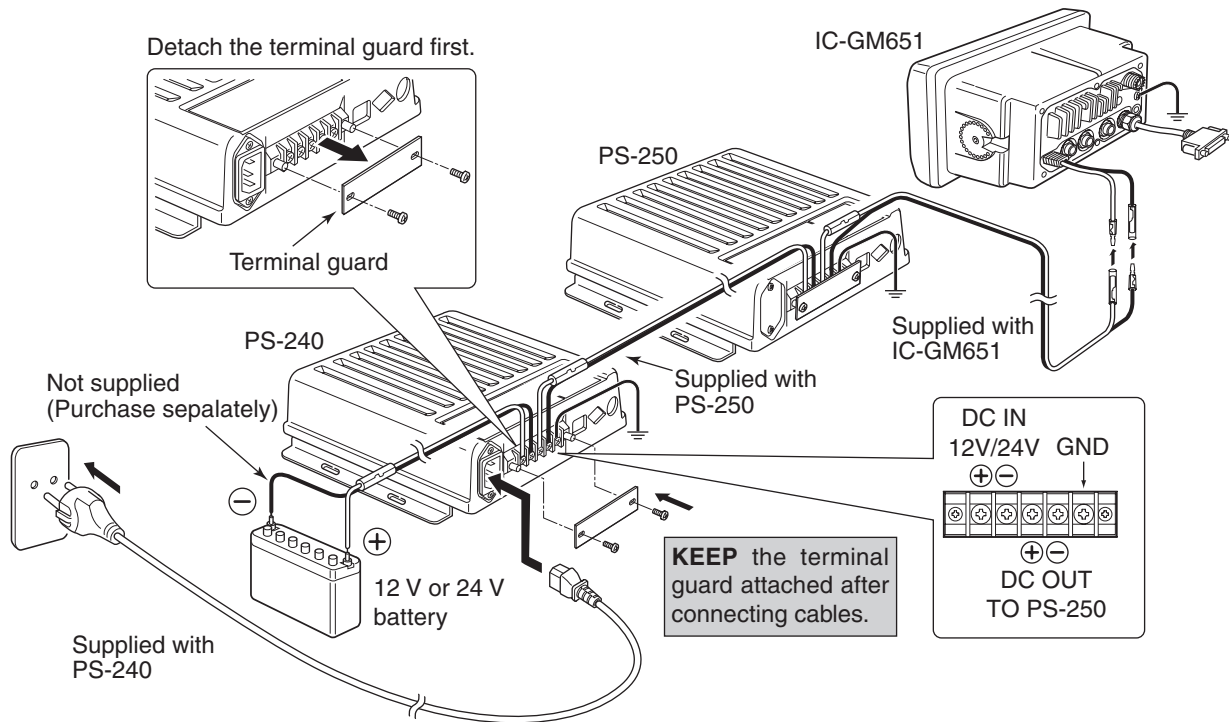
③ DC POWER OUTPUT TERMINALS

Connect to the transceiver via the PS-250 (DC-DC POWER SUPPLY).

④ GROUND TERMINAL

Connects this terminal to ground to prevent electrical shocks.

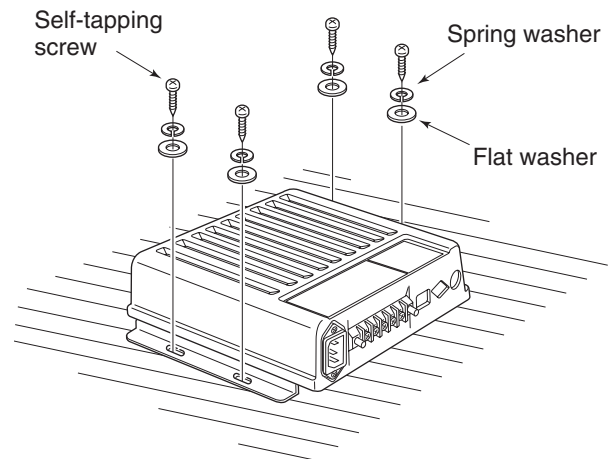
CONNECTIONS



INSTALLATION

- Mount the power supply securely with the four supplied screws (M5×20 mm) to a surface which is more than 10 mm thick and can support more than 5 kg.

CAUTION: KEEP the power supply at least 1 meter away from your vessel's magnetic navigation compass.



SPECIFICATIONS

- AC input voltage : 85 V to 264 V (47 Hz to 63 Hz)
- DC input voltage : 12 V or 24 V storage battery
- Output voltage : 14.5 V DC
- Maximum output current : 7 A (nominal)
- Usable temperature range : -15°C to +55°C
- Dimensions (projections not included) : 250(W)×67(H)×200(D) mm
- Weight (approx.) : 2.6 kg

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