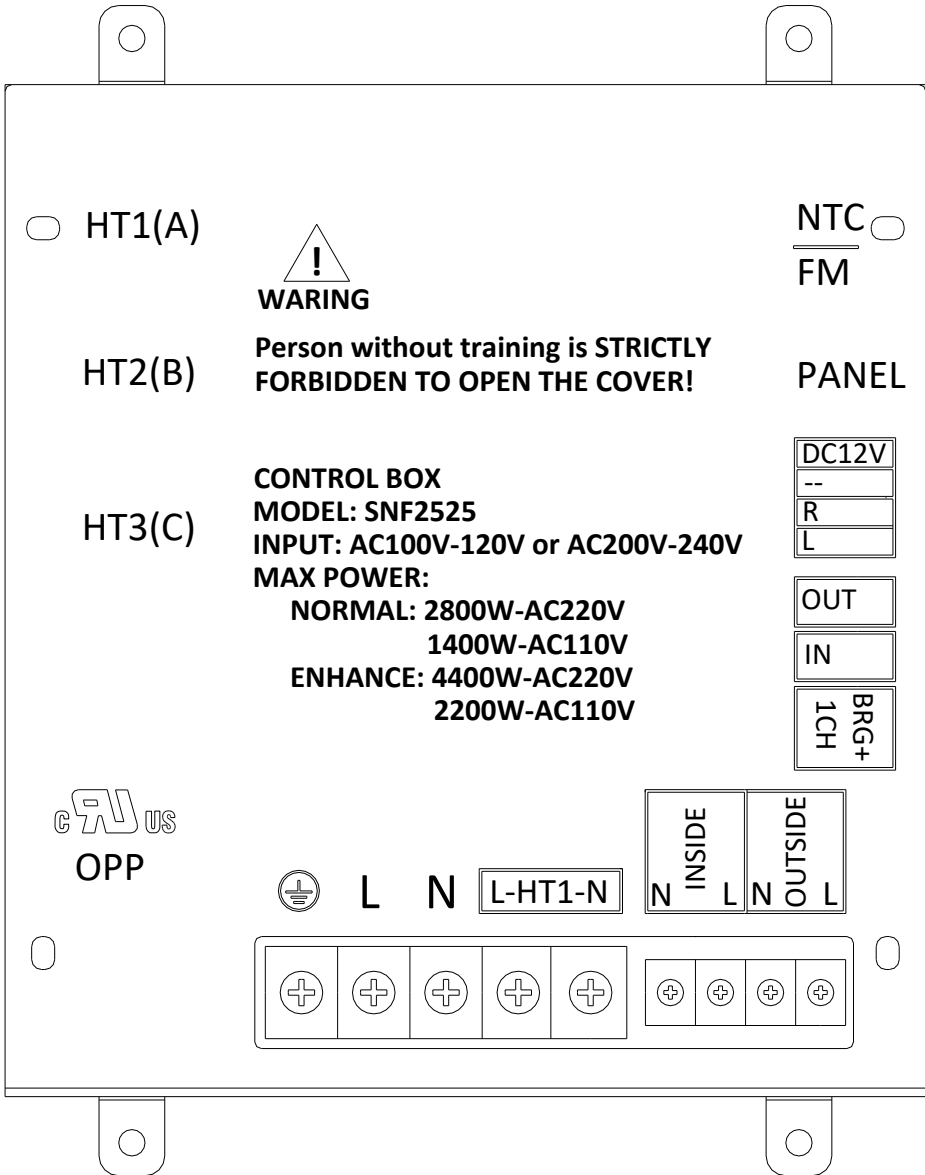


SNF2525 Power Supply Unit Manual

Version V1.1

1. Product Appearance



2. Product Features

- (1) The input and output interfaces adopt a combination of barrier terminals and AC sockets. When only the AC socket is used, the maximum load capacity is 2800W. If only barrier terminals are used, or barrier terminals are used together with AC sockets, the maximum load capacity can reach 4400W;
- (2) Equipped with two sets of AC internal and external lamp control interfaces to facilitate expansion for special loads;
- (3) One colorful light output port is reserved;
- (4) The FM antenna can be directly connected to the power supply unit for easier antenna installation;
- (5) Panel connection interface is available for external expansion of IoT modules, enabling convenient addition of IoT functions;
- (6) Complete fault detection function for easy troubleshooting;
- (7) Built-in 24W switching power supply, specially designed for small-sized cabins;

3. Fault Indication

Normal status: The yellow power indicator light on the left side of the panel stays steadily on;

Fault 1: Poor contact of communication cable. The green indicator light on the right of the panel interface stays off; it flashes regularly during normal communication;

Fault 2: NTC disconnection. The yellow power indicator light on the left of the panel interface flashes once every 2 seconds;

Fault 3: Excessively high board temperature. The yellow power indicator light on the left of the panel interface flashes twice every 2 seconds;

Fault 4: Abnormal 12V voltage. The yellow power indicator light on the left of the panel interface flashes three times every 2 seconds;

4. FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.

To ensure compliance, operations at closer than this distance is not recommended.