

User manual

1. Important Safety Instructions

- 1.1 Read the manual carefully before use.
- 1.2 The switching power supply shall be installed according to the installation instruction.
- 1.3 For indoor use only. Do not use this equipment near water.
- 1.4 Please follow the required power rate from power label. In case of any question, please refer to the equipment.
- 1.5 AC power cable plug within 3 pins, the third pin for grounding. Use the qualification power cord to operating and make sure the connection as the safety condition.
- 1.6 Do not over loading the power supply
- 1.7 Make sure power is OFF during installation.
- 1.8 Servicing should be performed or supervised by qualified service personnel. Do not open the door by consumer.

2. Product Feature

RT1232A-D32, which is a low-power AC / DC power supply, can be used in communication equipments. It's output voltage is DC12V, output power is 384W. The power supply has the following protection function: output over-voltage protection, over-current protection, Output short circuit protection, etc.

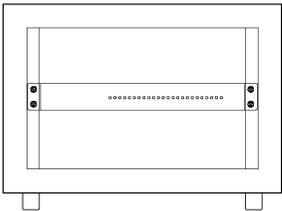
The rated input voltage of the switching power supply is 120Vac; Input voltage tolerance range is 108Vac – 127.2VAC.

The operating temperature which the S.P.S operates at is between -10 and +30°C.

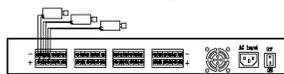
3. Installation

Installing the power supply is as easy as following the steps shown.

Drawing1



Drawing2



- 3.1 Inspection: Remove the power supply from its packaging and inspect it for damage that may have occurred during shipping. If any damage is discovered, repack the unit and return it to the place of purchase.
- 3.2 Make sure power switch (I/O) is set to "OFF".
- 3.3 Connect each equipment to one '+'/ '-' power output pair, protected individually by a fuse. (see attached drawing 2)
- 3.4 DC cord thru outlet hole connect to other equipment. (see attached drawing 3)
- 3.5 Connect AC power (120VAC 60Hz) to the inlet.

3.6 The green LEDs should light up when the power switch (I/O) set to "ON".

3.7 The fuse of output is rated at 1A for models RT1232A-D32

3.8 The fuse of input is rated at 250Vac/5A.

3.9 To reduce risk of fire, use only type SPT-2 cord or heavier duty cord, No. 18 AWG copper at the minimum. Use wires suitable for at least 90°C.

3.10 As for DC cable, it is recommended to use AWG 18 and above UL standard wired. The thicker the cable is, the farther distance it transfers. Be careful to avoid damaging the cable when laying the DC output cable, make sure the cable keep distance from the Mains power cord for above 10CM, don't bundle them together.,

4.1 Technical Specification

- 4.1 Input: 120Vac 60Hz 5A
- 4.2 Output voltage: 12Vdc
- 4.3 Output current: 1A x 32PATH for RT1232A-D32
- 4.4 Total output current: 32Amax
- 4.5 Total output power: 384W
- 4.6 Operation temperature: -10 - +30°C
- 4.7 Store temperature: -20°C - +60°C
- 4.8 Size: 435 x 250 x58 (mm)
- 4.9 Net weight: 4.25Kg