



## 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

Models TR-9DC5A, AT1205A-D9, AT1205A-D07, AT1210A-D07, AT1210A-D07B, AT1210A-D10, AT1210A-D10B, TR-9DC8A, AT1215A-D07B, TR-18DC8A, AT1215A-D10, AT1215A-D10B, ALT-18DC10A, AT1207A-D9, AT1207A-D9P, AT1207A-D07, TR-9DC7A, AT1210A-D18, AT1210A-D18P, AT1212A-D18, AT1212A-D18P, AT1218A-D18, TR-18DC18A,, which is a high-power AC / DC power supply, can be used in communication equipments. It's output voltage is DC12V, output power is 120W Max. 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; Output voltage tolerance range is 11.75Vac-12.25Vac.

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.

#### 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 (1/0) is set to "OFF".

3.3 Install box at a desired location.

The power supply can be hanged on the wall.

Step1: Stick the hole position drawing (see attached drawing 1) with a scale of 1:1 on the proper place of the wall, and drill four holes.

Step2: Insert the M4 screw into the four holes.

Step3: Place the power supply aiming at four screws, and then hang the power supply on the wall.

3.4 Connect each equipment to one "+" "-" power output pair, protected individually by a fuse. (see attached drawing 2)

3.5 DC cord thru outlet hole connect to other equipment. (see attached drawing 3)

3.6 Connect AC power to the inlet.

3.7 The green LEDs should light up when the power switch (1/0) set to "ON".

3.8 The fuse of output is rated at 250Vac/3.15A

3.9 The fuse of input is rated at 250Vac/4A.

3.10 To reduce risk of fire, use only type SPT-2 cord or heavier duty cord,

No. 18AWG copper at the minimum. Use wires suitable for at least 90°C.

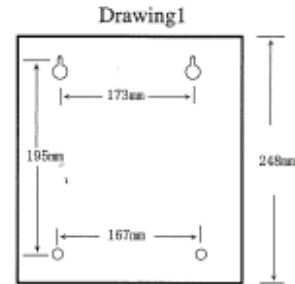
### 4.1 Technical Specification

4.1 Operation temperature: -10 - +30°C

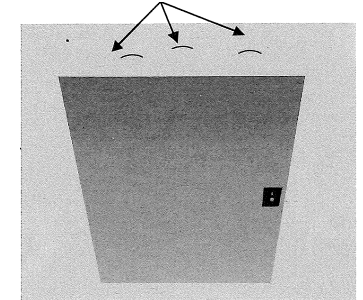
4.2 Store temperature: -20°C - +60°C

4.3 Size: 250 x 210 x 90 (mm)

4.4 Details Specification, see below:



Drawing3  
Outlet Hole



Model	Input	Output	Port	Total power	Protect Type	Net weight
AT-1205A-D9P	120VAC/60Hz	12VDC5A	9	60W	PTC*	2.1kg
TR-9DC5A AT1205A-D9 AT1205A-D07					FUSE	
AT1207A-D9, AT1207A-D07 TR-9DC7A	120VAC/60Hz	12VDC7A	9	84W	FUSE	2.1kg
AT1207A-D9P					PTC	
AT1210A-D9P	120VAC/60Hz	12VDC10A	9	120W	PTC	2.3kg
AT1210A-D07 AT1210A-D9 AT1210A-D07B TR-9DC8A AT1215A-D07B AT1210A-D18P					FUSE	
AT1210A-D18 AT1210A-D10 AT1210A-D10B ALT-18DC10A TR-18DC8A TR-18DC10A	120VAC/60Hz	12VDC10A	18	120W	PTC	2.3kg
AT1212A-D18					FUSE	
AT1212A-D18P	120VAC/60Hz	12VDC12A	18	144W	PTC	2.3kg
AT1215A-D10 AT1215A-D10B AT1218A-D18 AT1218A-D18B TR-18DC18A	120VAC/60Hz	12VDC18A	18	216W	FUSE	2.5kg

\*PTC: positive temperature coefficient, Auto restable fuse

All specifications in this short form are subject to changes without prior notice

Drawing2

