

## Main Features

- Embedded 50.5 Slim Type Redundant Modules
- Universal AC input / Full range
- HVDC input supported
- PMBus 1.2
- High reliability & long life  
MTBF>250,000 hrs & Life time> 40,000 hrs
- Warranty for 3 years



## General Specification.....

<b>Input</b>	Input Range	90~264Vac 135~380Vdc
	Frequency	47-63Hz, single phase AC
	Efficiency	85%/86% at 50%/100% load
	Power Factor	0.95 typical
	Leakage Current	1.75mA @ 240Vac/60Hz
	Hold Up Time	12ms
<b>Output</b>	Main DC Voltage	+3.3V @ 18A max. +5V @ 18A max. +12V @ 25A max. -12V @ 0.3A max. The continuous total output power is 300W max. The combined power for +5V and +3.3V is 110W max.
	Standby	+5Vsb @ 3A max.
	Regulation	+/- 5% for +3.3V, +5V, 12V, +5Vsb +/- 10% for -12V
	Main Over Current	+3.3V&+5V @ 20~26A, +12V @ 20~26A Auto Recovery
	Standby Over Current	3.5~7.0A, Auto Recovery
	Over Voltage	+3.3V, 3.7~4.5V (Latch-off)

## Modules

		+5V, 5.9~7V (Latch-off) +12V, 13.2~15.6V (Latch-off)
	Turn-On Delay	2 seconds max
	Main Rails Rise Time	1~20ms, Monotonic Rise
Logical Control	PSON#	Remote ON/OFF control signal: When the PSON signal is low, the power supply will turn on the +12V main output, and turn off when it's high.
	Alert#	Power supply warning signal: When this pin get low signal will notice system the power supply has some fault occurred
	PWOK	Power supply work OK signal

## Environment

Operating Temperature	0~50°C
Storage Temperature	-40~70°C
EMI	FCC Part 15 Subpart B Class B:2018 EN55032:2015 Class B
EMS	EN61000-3-2:2014 EN61000-3-3:2013 EN55035:2017
Humidity	10~90%, non-condensing
MTBF (Calculated)	≥ 100K Hrs at 25 °C ambient temperature and full load

## Application Guidelines

1. This model is suitable for IT equipment such as server, storage.
2. Sufficient airflow is necessary.
3. When symbols are used, they shall be as follows.



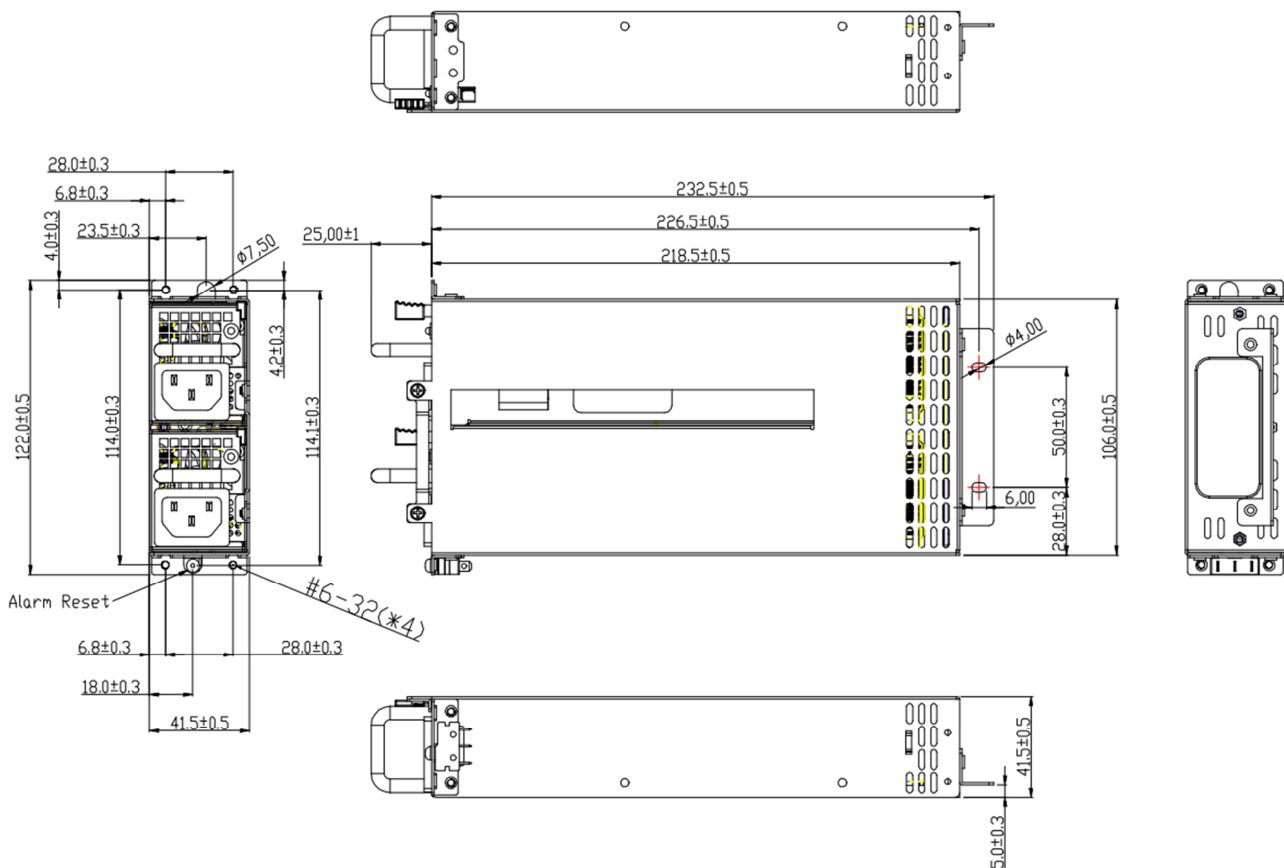
# 1U Redundant with Slim Type Modules

Earthing terminal shall be marked

- Installation must be performed by skilled technicians who are informed about the standards and technical requirements of the appliance and its proper installation.

## Mechanical

Form Factor	218.5mm (L)*106mm (W)* 41.5mm (T)
Cooling	Variable fan speed control, single rotor 40*28mm fan
Handle	Handle for insertion or removal Locking retention mechanism





## **Modules**

### ***1U Redundant with Slim Type***

#### **Important Information.....**

1. The unit must be installed by qualified electricians only!
2. Unplug the power cord before installation!
3. **WATCH OUT:** Check if the power supply to be connected according to the specification. If incorrectly connected, they can be damaged.