



# PS-224

The PS-224 power tester is a 20+4pin tester to help you check the ATX power voltage on your power supplies. It is embodied in a sleek, aluminum casing with a convenient digital LCD voltage display screen with a +/- 0.1V margin for more accuracy. Simply follow the step by step instructions provided on the back of the packaging to test each connector. If the power supply is working, a short alert will sound to signal that the power supply is good. The LCD screen will also light up with a digital display of the voltages.

## Features

The product is designed with an LCD screen to show ATX power voltage. Simply connect the ATX power 20+4pin with either one of the P4/P6/P8 connector to begin testing. A digital display will begin to show when the power button is pressed.

- Easy to check ATX power supply
- Aluminum case
- Accurate voltage indicator +/- 0.1V (+12V1/+5V/+3.3V/5VSB/+12V2/-12V)
- ATX P.G. value display
- Lower or higher P.G. values alarm
- ATX output connectors check
- Lower voltage detected alarm
- Over voltage alarm
- No voltage detected alarm

## Manual

- Plug-in your ATX power 24 pin and plug-in (P4/P6/P8) into the tester.
- Turn on your ATX power supply
- LCD shows each voltage and P.G. value on the screen automatic and you can hear 2 beep sounds.
- ATX power output connector checking one by one. If power output is working, the LED will light on. If power output failed, the LED will not light on.
- Plug-in (HDD/Floppy) connector and check LED light (+12V1/+5V)
- Plug-in SATA connector and check LED light (+12V1/+5V+3.3V)
- Remove the connector after your checking
- Do not plug-in 2 connectors into the tester at the same time (Not include 24 pin connector)
- Abnormal voltage detected will not display on the screen.
- No voltage detect, "LL" will display on the screen.
- When detected Voltage is lower than Min. Value, "LL" will display on the screen.
- When detected Voltage is higher than Max. Value, "HH" will display on the screen.
- When detected voltage is lower than table value (A), will alarm.
- When detected voltage is higher than table value (B), will alarm.
- P.G. value detected lower 100ms or higher 900ms, P.G. value is abnormal and alarm.
- When abnormal happened, it will alarm and relative digit blink on the screen.

## Each Voltage normal range:

- +5V, +3.3V, +5VSB is  $\pm 5\%$ ;
- +12V1, +12V2, -12V is  $\pm 10\%$



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## LED Lights & Alerts

Green LED light displays and immediate sound alerts to signal a good or defective power supply during testing.

## Test All Connectors

Multiple connector ports available to test all connectors on the ATX power supply with just one power tester - a very handy and convenient feature.



## On/Off Power Button

An On/Off power button to prevent the tester from overheating - press and hold when testing power supplies.

## Digital Voltage Display

Large LCD screen displays digital voltage readings for convenience and ease.

## High Accuracy

Voltage readings are highly accurate with only +/- 0.1V margin of error.