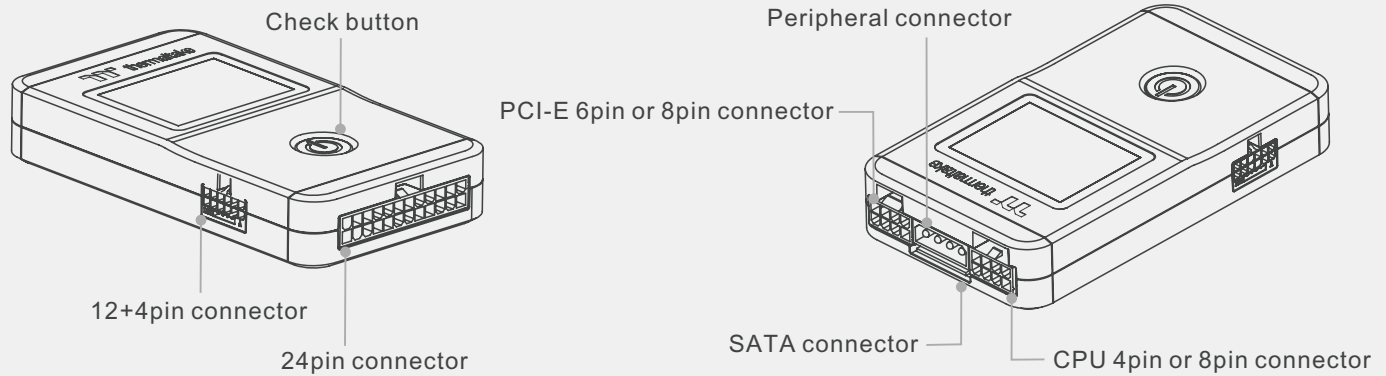


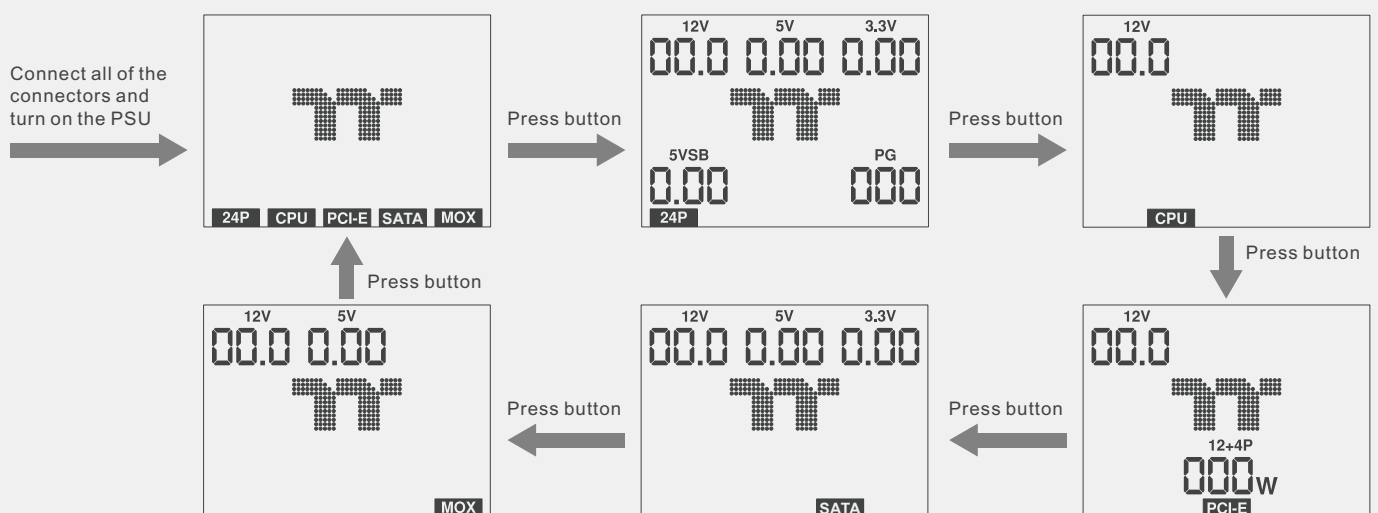
Connector Introduction



Operation Instructions

Manual Mode

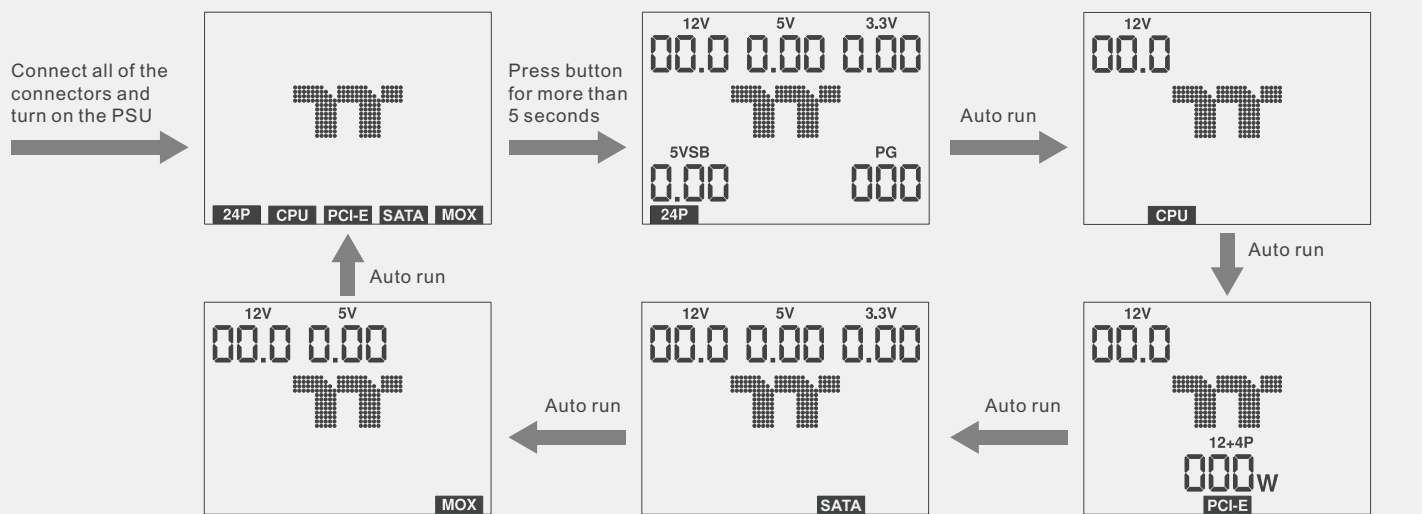
1. Plug the PSU connectors into Dr.Power III.
2. Switch the PSU I/O switch to the “-” position. The screen will then display the TT logo animation.
3. The screen will display the icons of the connectors that have been plugged into Dr.Power III.
4. Press the CHECK button to start the manual testing mode. The screen will display the 24P icon, the output voltage of each group, and PG.
5. Press the CHECK button again. The system will proceed with the next test point CPU. The screen will display the CPU icon and the corresponding voltage output.
6. Press the CHECK button again. The system will proceed with the next test point PCI-E. The screen will display the PCI-E icon and the corresponding voltage output. If the PCI-E 12+4pin is connected, the screen will display the SENSE0/SENSE1 sideband signals of the PCI-E 12+4pin connector (150W/300W/450W/600W).
7. Press the CHECK button again. The system will proceed with the next test point MOX. The screen will display the MOX icon and the corresponding voltage output.
8. Press the CHECK button again. The system will proceed with the next test point SATA. The screen will display the SATA icon and the corresponding voltage output.
9. Press the CHECK button again to return to step 3.
10. If no fault occurs during the test, the LCD backlight will remain white. Once any fault occurs, the LCD backlight will turn red and make a “beep” sound.



Note: 12+4P will only be displayed when PCI-E 12+4pin is connected.

Auto Mode

1. Plug the PSU connectors into Dr.Power III.
2. Switch the PSU I/O switch to the “-” position. The screen will then display the TT logo animation.
3. The screen will display the icons of the connectors that have been plugged into Dr.Power III.
4. Press the CHECK button for more than 5 seconds until it makes a “beep” sound, the system will start the auto testing mode. The system will start from 24pin and display the 24P icon, the output voltage of each group, and PG.
5. The system will automatically proceed with the next test point CPU. The screen will display the CPU icon and the corresponding voltage output for 5 seconds.
6. The system will automatically display the PCI-E icon and the corresponding voltage output for 5 seconds. If the PCI-E 12+4pin is connected, the screen will display the SENSE0/SENSE1 sideband signals of the PCI-E 12+4pin connector (150W/300W/450W/600W).
7. The system will automatically display the MOX icon and the corresponding voltage output for 5 seconds.
8. The system will automatically display the SATA icon and the corresponding voltage output for 5 seconds.
9. Press the CHECK button to return to step 3.
10. If no fault occurs during the test, the LCD backlight will remain white. Once any fault occurs, the LCD backlight will turn red and make a “beep” sound.



Note: 12+4P will only be displayed when PCI-E 12+4pin is connected.

Notes

1. The 24pin connector must always be connected during the entire test process.
2. The sequence of testing connectors is 24pin → CPU → PCI-E → MOX → SATA. For example, if there are only 24pin, PCI-E and SATA connected, the test sequence will be 24pin → PCI-E → SATA.
3. When a fault is detected, the screen's backlight will change to red and the abnormal item will continue to flash.
4. The unit of PG is millisecond.
5. If the system does not respond when you press the CHECK button, it can be inferred that the PSU is faulty. In this scenario, the screen will not display any characters or backlight, nor will it make a beep sound.
6. After Dr. Power III has initiated the diagnostic testing, DO NOT disconnect any connector or turn off the PSU. This may cause permanent damage to the power supply tester. In some cases, it may also cause the Dr.Power III to return to a false-positive signal. Only turn off the PSU and disconnect the connectors after all tests are completed.

Specification

Voltage	Intel standard		Measure Range	
	Min.	Max.	Min.	Max.
+5V	4.75V	5.25V	4.60V	5.40V
+3.3V	3.14V	3.47V	3.04V	3.56V
+12V	11.4V	12.6V	11.0V	13.0V
+5Vsb	4.75V	5.25V	4.60V	5.40V
P.G.	100ms ≤ T ≤ 500ms			



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