

How to Pick Flex ATX Power Supply

There are choices when it comes to choosing a Flex ATX Power Supply. You may be wondering how to go about picking one and what to be looking for as you review your options. It's best to look for what features the Flex ATX Power Supply has, for starters. In addition, you should consider your uses for it or the purpose of getting and needing one.

As far as features go you can begin by reviewing the wattage. Be glad to know that the Flex ATX is available in 150 W, 180 W, 220 W, 250 W, 300 W, and 350 W. Overall, you want a power supply such as this one that has improved power density over other options like the general Flex ATX. Consider where the capacitors are made and if they're of high quality when thinking about picking your next Flex ATX Power Supply. Look further into the certified efficiency standards and if it meets these as well.

You also want to ensure that the one you choose complies with the latest international safety standards. It's extremely important that you feel safe using it and that you shouldn't be anticipating any issues. In particular, the Flex ATX has multiple protection mechanisms including OVP, UVP, OCP, SCP, and OPP. Also, when protection has been triggered it'll latch off. Depending upon where you work or what you're doing, you may also want to minimize the noise level in the area where your power supply is. In this case, the Flex ATX may be perfect because it has a low-noise design. It contains a unique fan noise shielding design, a smart fan control system, and a durable and quiet 40 mm ball-bearing fan.

Flex ATX Recommendations

FSP's Flex ATX models are industrial-level switching power supplies. Below are a few of the Fully Modular Flex ATX Power Supply products to choose from.

- **FSP250-60MPC**: The AC DC 250W, FLEX, MEDICAL PC ATX; ATX AC DC Converters 5 Output 3.3V/12A, 5V/14A, 12V/18A, -5V/ 300mA 90 ~ 264 VAC Input; 331W; The features include PFC, Standby Output, Universal Input; The size is 7.48" L x 3.23" W x 1.61" H (190.0mm x 82.0mm x 41.0mm); It's also RoHS Compliant; It's in stock and ready to ship immediately
- **FSP220-60MPC**: The AC DC 220W, FLEX, MEDICAL PC ATX; ATX AC DC Converters 5 Output 3.3V/9A, 5V/12A, 12V/14A, -5V/ 300mA 90 ~ 264 VAC Input; 263W; The features include PFC, Standby Output, Universal Input; The size is 7.48" L x 3.23" W x 1.61" H (190.0mm x 82.0mm x 41.0mm); It's also RoHS Compliant; It's in stock and ready to ship immediately
- **FSP180-50FGNBI(M)**: This particular FLEX ATX 180-WATT POWER SUPPLY UNIT offers a total power capacity of up to 180 Watts with 50°C working temperature, which makes it perfectly usable in an industrial environment. Plus, customers can take advantage of its cable management feature for quick cable exchanging or replacement. The power supply is ideally the best choice for server, workstation, communication, or any other automation applications to use.
- **FSP250-50FGBBI(M)**: The FSP250-50FGBBI(M) is an industrial level of switching power supply, which offers a total power capacity of up to 250 Watts with 50°C working temperature, making it to be perfectly usable in an industrial environment. Plus, customers could take advantage of its cable management feature for quick cable exchanging or replacement. The power supply is ideally the best choice for server, workstation, communication, or any other automation applications to use.
- **FSP300-57FCB**: This FLEX ATX 300-WATT POWER SUPPLY UNIT is certified to perform with 80PLUS Gold efficiency. It features full-range Active PFC, 40mm ball-bearing cooling fan locate at output side for lower noise level and better air

flow performance. It fits most compact high-performance PC systems. In addition, customers can take advantage of its cable management feature for quick cable exchanging or replacement.

- **FSP500-50FDB:** The FSP500-50FDB is an industrial level of switching power supply and certified to perform with 80PLUS Gold efficiency. It comes to offer a total power capacity of up to 500 Watts with 50°C working temperature, making it to be perfectly usable in an industrial environment. The power supply is ideally the best choice for server, workstation, communication, or any other automation applications to use. The product also complies with the latest safety and EMC standards, which meet various regulations worldwide.

- **FSP850-50FGPH3:** The FSP850-50FGPH3 is an industrial level of switching power supply and meets 80PLUS Platinum efficiency. The power supply offers a total power capacity of up to 850 Watts, best for AI/GPU server, communication, or any other automation applications to use. The product also complies with the latest safety and EMC standards, which meet various regulations worldwide.

These are some of the best and most complete products you'll find on the market. They vary in wattage and input conditions but are all very efficient. You can micro customize some aspects such as the output cable, fan speed, and telecommunication specification. They also all have high compatibility. You should now be able to choose the right FLEX ATX power supply for you and your needs.