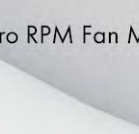


P Series White is a Delight!

The P Series has become synonymous with InWin's PSU lineup. Now the P Series comes with a new clean, modern white aesthetic, offering more of a variety to users. Complete your white themed PC builds with the P Series White Edition!

Ultra-Quiet, Smart Fan Control

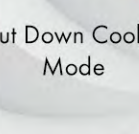
The P Series features a smart temperature-controlled fan. Built-in control modes uses three temperature ranges and automatically detects the output power to adjust the fan speed accordingly. This will maintain the power supply's stability and noise levels.



Zero RPM Fan Mode



Cooling Mode



Shut Down Cooling Mode



System Load < 20%



System Load > 20%



Shut Down 60 Sec.

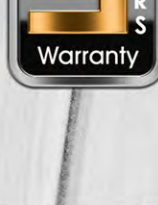
- Zero RPM Fan Mode -
When the system is under 20% load, the fan will automatically stop running to effectively reduce the system's noise and lengthen the longevity of the fan.

- Cooling Mode -
When the system is above 20% load, the fan will automatically turn on to maintain optimal cooling.

- Shut Down Cooling Mode -
When the system is shutting down, the fan will continue to operate for 60 seconds to effectively remove residual heat.

80 PLUS® Gold Certified with Up to 90% Conversion Efficiency

The P Series delivers up to 90% efficiency, generating less heat and effectively reducing operating cost.



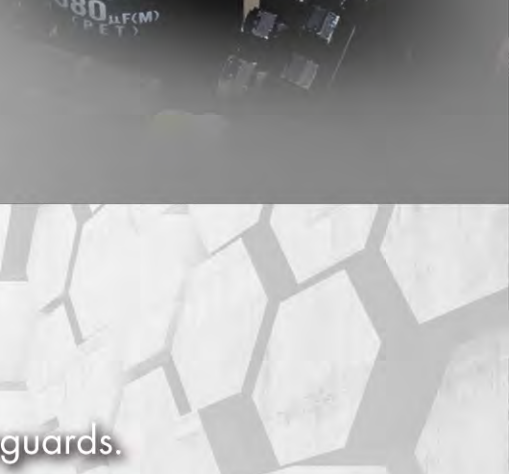
5V and 3.3V DC to DC Design

The DC to DC converter design provides a superior dynamic response, and supports a foundation for greater system stability.



Highly Reliable Japanese Aluminium Electrolytic Capacitors

Premium Japanese capacitors with 105°C rating improves power stability at higher temperatures and provides an ultra-long lifespan.

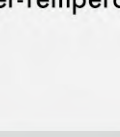


Multi-Protection Safeguards

The P Series comes with plenty of safety protections safeguards. These precautions are to ensure quality and a safe power usage.



Over-Currents



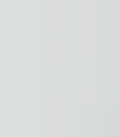
Over-Voltages



Under-Voltages



Short Circuits



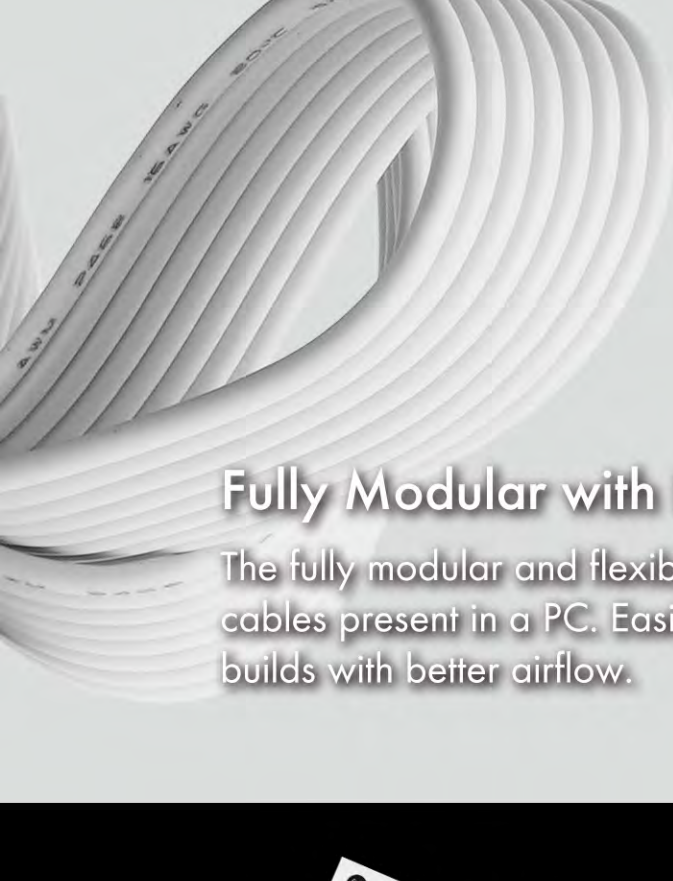
Over-Temperature



Over-Power

Fully Modular with High Quality Flat Cables

The fully modular and flexible flat cables allow builders limit the cables present in a PC. Easier cable management results in cleaner builds with better airflow.



White or Black, Your Choice!



Cable Information

| | | P85 | |
|--|----------------------|-----|---|
| | 20+4 Pin Motherboard | | 1 |
| | 8 (4+4) Pin CPU | | 1 |
| | 8 (6+2) Pin PCIe | | 3 |
| | 4 Pin Peripheral | | 1 |
| | SATA (90 Degree) | | 3 |
| | Floppy | | 1 |

Specifications

| | | | | | | |
|--|---------------------------------------|--|--|--|--|--|
| Model | P85 | | | | | |
| Model Number | IW-FSP850W-WHI | | | | | |
| Total Power | 850W | | | | | |
| Materials | SECC | | | | | |
| Type | ATX12V V2.4 / EPS12V V2.92 | | | | | |
| Cable Management | Fully Modular | | | | | |
| PFC | Active PFC (>0.95) | | | | | |
| Efficiency | 80 PLUS® Gold (Up to 90%) | | | | | |
| MTBF (Hours) | > 100,000 hrs. | | | | | |
| AC Input | 100 - 240Vac, 10A, 50-60Hz | | | | | |
| Fan | 135 mm FDB Fan | | | | | |
| Typical Load Fan Noise (dBA) (50% Loading) | < 25 dB(A) | | | | | |
| Operating Temperature Range (°C) | 0-40 °C | | | | | |
| Full Protection | OCP/OVP/UVP/SCP/OTP/OPP | | | | | |
| Safety Certifications | cTUVus/TUV/CB/BSMI/CE/FCC/EAC/CCC/RCM | | | | | |
| Product Dimensions (L x W x H) | 160 x 150 x 86 mm | | | | | |
| Package Dimensions (L x W x H) | 210 x 325 x 105 mm | | | | | |
| Net Weight | 2.64 kg | | | | | |
| Gross Weight | 3.12 kg | | | | | |
| Warranty | 5 Years | | | | | |



| Model | AC INPUT | | 100 - 240Vac, 10A, 50-60Hz | | | | Total Power |
|-------|---------------------|-------|----------------------------|-------|------|-------|-------------|
| | DC OUTPUT | +12V | +5V | +3.3V | -12V | +5VSB | |
| P85 | Max. Output Current | 70.9A | 22A | 22A | 0.3A | 3A | 850W |
| | Max. Combined Power | 850W | 120W | 3.6W | 15W | | |

