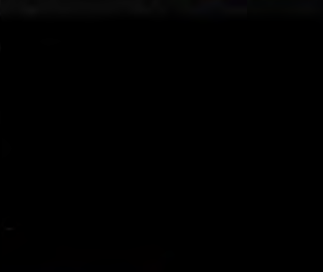


P SERIES

Power to the PC!



The P Series is an 80 PLUS® Gold certified power supply that focuses its features on efficiency, reliability and overall PC building experience. The P Series' low noise output makes this PSU the optimal choice for most PC builds.

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.

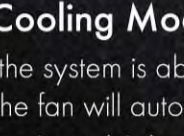
- Zero RPM Fan Mode
- Cooling Mode
- Shut Down Cooling Mode



System Load < 20%

Zero RPM Fan Mode

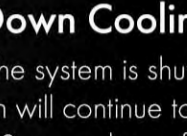
When the system is under 20% load, the fan will automatically stop running to effectively reduce the system's noise and lengthen the longevity of the fan.



System Load > 20%

Cooling Mode

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



Shut Down 60 Sec.

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.

90% Efficiency

5V and 3.3V DC to DC Design

The P Series is equipped with a DC to DC converter design, that 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.

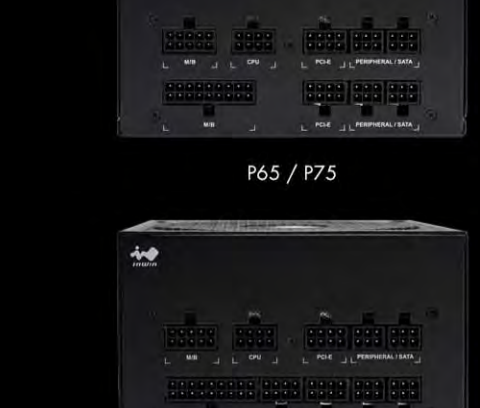
ALL MODELS OF P SERIES



	Cable Information		P65	P75	P85	P105	P125
	20+4 Pin Motherboard		1	1	1	1	1
	P65 / P105 / P125 8 (4+4) Pin CPU		1	-	-	2	2
	P75 / P85 8 (4+4) Pin CPU		-	1	1	-	-
	8 (6+2) Pin PCI-E		2	2	3	4	4
	4 Pin Peripheral		1	1	1	1	1
	P65 SATA (90 Degree)		3	-	-	-	-
	P75 / P85 P105 / P125 SATA (90 Degree)		-	3	3	3	3
	Floppy		1	1	1	1	1

Specifications

Model	P65	P75	P85	P105	P125
Model Number	IW-PSR650W	IW-PSR750W	IW-PSR850W	IW-PSR1050W	IW-PSR1250W
Total Power	650W	750W	850W	1050W	1250W
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	100-240 Vac, 10A, 50-60Hz		100-240 Vac, 15-8A, 50-60Hz		
Fan	135mm FDB Fan				
Typical Load Fan Noise[dBA] (50% Loading)	< 25 dBA				
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		cTUVus / TUV / CB / BSMI / CE / FCC / EAC / RCM		
Dimensions (L x W x H)	160 x 150 x 86 mm				
Package Dimensions(L x W x H)	210 x 325 x 100 mm		210 x 355 x 105 mm		
Net Weight	2.35 kg	2.46 kg	2.64 kg	2.95 kg	3.0 kg
Gross Weight	2.81 kg	2.92 kg	3.12 kg	3.45 kg	3.5 kg
Warranty	5 Years				



Model	P65	P75	P85	P105	P125
AC INPUT	100-240 Vac, 10A, 50-60Hz				
DC OUTPUT	+12V	+5V	+3.3V	-12V	+5VSB
Max. Output Current	54.2A	22A	22A	0.3A	3A
Max. Combined Power	650W	120W	3.6W	15W	650W
Max. Output Current	62.5A	22A	22A	0.3A	3A
Max. Combined Power	750W	120W	3.6W	15W	750W
Max. Output Current	70.8A	22A	22A	0.3A	3A
Max. Combined Power	850W	120W	3.6W	15W	850W

Model	P105	P125
AC INPUT	100-240 Vac, 15-8A, 50-60Hz	
DC OUTPUT	+12V	+5V
Max. Output Current	87.5A	22A
Max. Combined Power	1050W	120W
Max. Output Current	104.1A	22A
Max. Combined Power	1250W	120W

* InWin products comply with RoHS regulations
* Specifications may vary based on different regions

