

## 250~350W ATX PC Power Supply

- Universal AC input for YP-350J
- AC input 230VAC only for YP-350A/400A/450A-EU
- AC input range selectable by switch for YP-350A/ 400A / 450A-AA
- Built-in passive PFC for YP-350A/400A/450A-EU
- Built-in active PFC function, PF>0.95 for YP-350J
- Built-in passive PFC function, PF>0.65 for YP-350A/400A/450A-EU
- Protections: Short circuit / Overload
- Power good / fail signal
- Forced air cooling by built-in DC fan
- 100% full load burn-in test
- Low cost, high reliability
- Approvals:  
**YP-350A / 400A / 450A-AA: FCC**  
**YP-350A / 400A / 450A-EU:**  
 TUV / CB / CE
- 2 years warranty for YP-350J
- 1 year warranty for YP-350A/400A/450A



Hold up time .....8ms min. at full load (YP-350A / 400A / 450A),  
 10ms min. at full load (YP-350J)

Overload protection ..... 105%~180% shut off, AC recycle to re-start

Withstand voltage ..... I/P-O/P, I/P-FG:1.5kVAC, 1minute

Working temperature ..... -10~40°C at full load and 230VAC (typical)

Safety standards .....UL60950-1(YP-350J only), EN60950-1 approved

### ❖ 103~132VAC / 206~264VAC selectable or 206~264VAC only

Model No.	Output	Tol.	R&N	Effi.	Max.
YP-350A-□	3.3V, 2.0~17A	±5%	50mV	70%	250W
	5V, 2.0~18A	±5%	50mV		
	12V <sub>1</sub> , 1.0~8.0A	±5%	120mV		
	12V <sub>2</sub> , 1.0~14A	±5%	120mV		
	-5V, 0.1~0.3A	±10%	50mV		
	-12V, 0.1~0.8A	±10%	120mV		
	5VSB, 0~2.0A	±5%	50mV		
YP-400A-□	3.3V, 2.0~20A	±5%	50mV	70%	300W
	5V, 2.0~20A	±5%	50mV		
	12V <sub>1</sub> , 1.0~8.0A	±5%	120mV		
	12V <sub>2</sub> , 1.0~14A	±5%	120mV		
	-5V, 0.1~0.3A	±10%	50mV		
	-12V, 0.1~0.8A	±10%	120mV		
	5VSB, 0~2.0A	±5%	50mV		
YP-450A-□	3.3V, 2.0~22A	±5%	50mV	70%	350W
	5V, 2.0~21A	±5%	50mV		
	12V <sub>1</sub> , 1.0~10A	±5%	120mV		
	12V <sub>2</sub> , 1.0~15A	±5%	120mV		
	-5V, 0.1~0.3A	±10%	50mV		
	-12V, 0.1~0.8A	±10%	120mV		
	5VSB, 0~2.0A	±5%	50mV		

□=AA (115/230VAC selectable and without PFC function),  
 EU (230VAC only and with passive PFC function)

### ❖ 24V Output and Active PFC>0.95 (100~264VAC Input)

Model No.	Output	Tol.	R&N	Effi.	Max.
YP-350J-AA	3.3V, 0.3~14A	±5%	50mV	70%	350W
	5V, 0.1~21A	±5%	50mV		
	12V, 0~15A	-2%, +8%	120mV		
	24V, 0~5.0A	-2%, +8%	150mV		
	-5V, 0~0.3A	±5%	100mV		
	-12V, 0~0.8A	±10%	120mV		
	5VSB, 0~2.0A	±5%	50mV		