

Enclosed-PFC Series 75~375W 3~4 Output



Features

- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Over temperature protection (200~375W built-in, option for 100W and 150W)
- PF>0.98@115VAC; >0.95@230VAC
- Cooling by free air convection (75W / 100W)
- Forced air cooling by built-in DC fan (150W / 200W / 320W / 375W)
- 100% full load burn-in test
- 3 years warranty

General Specification (Please refer to www.meanwell.com for detail spec.)



Model No.	TP-75	TP-100 QP-100	TP-150 QP-150	QP-200	QP-320	QP-375
AC input voltage range	90~264VAC; 127~370VDC					85~264VAC; 120~370VDC
AC inrush current (max.)	Cold start, 20A at 230VAC	Cold start, 40A at 230VAC		Cold start, 30A at 230VAC	Cold start, 45A at 230VAC	
DC adjustment range	CH1: -5%~+10% rated output voltage	CH1: -5%~+10% rated output voltage (CH1&2 for QP-100/150-3x, QP-100/150-D/F)		CH1&2: -5%~+10% rated output voltage		All outputs: -5%~+10% for QP-375-5, ±10% for QP-375-24
Overload protection	Range	105%~150% rated output voltage				105%~135%
	Type	Hiccup mode, auto-recovery			Constant current limiting, auto-recovery	Fold back current limiting, auto-recovery
Over voltage protection	CH1: 115%~135%	115%~135% for CH1 or CH1&2				CH1: 115%~135% rated output voltage
Withstand voltage	I/P - O/P: 3kVAC, I/P - FG: 1.5kVAC, 1 minute					
Working temperature	-10°C~+60°C (refer to output derating curve)				-10°C~+70°C	-10°C~+60°C
Setup, rise, hold up time	800ms, 60ms, 36ms at full load and 230VAC	800ms, 60ms, 24ms at full load and 230VAC		800ms, 50ms, 24ms at full load and 230VAC	800ms, 50ms, 16ms at full load and 230VAC	800ms, 50ms, 36ms at full load and 230VAC
Safety standards	UL60950-1, TUV EN60950-1 approved					
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204					
Connection	8P / 7.62mm pitch terminal block	9P / 7.62mm pitch terminal block with cover		9P / 9.5mm pitch terminal block with cover		3P / 9.5mm pitch terminal block for input; 10P / 9.5mm pitch terminal block for output
Dimension (LxWxH)(mm)	179x 99x 33	199x 99x 50		215x 115x 50		280x 127x 63.5
Case No.	920A	916A	916B	912	912I	927

75W — Triple Output

Model No.	Output	Tol.	R&N	Effi.	Max.
TP-75A	5V, 1.5~10A	±3%	100mV	70%	74W
	12V, 0.2~4.0A	±4%	120mV		
	-5V, 0.0~0.6A	±8%	100mV		
TP-75B	5V, 1.5~10A	±3%	100mV	70%	76W
	12V, 0.2~4.0A	±4%	120mV		
	-12V, 0.0~0.6A	±8%	120mV		
TP-75C	5V, 1.5~10A	±3%	100mV	70%	75W
	15V, 0.2~3.0A	±4%	120mV		
	-15V, 0.0~0.6A	±8%	120mV		
TP-75D	5V, 1.5~10A	±3%	100mV	70%	76W
	24V, 0.2~2.5A	±4%	120mV		
	12V, 0.0~0.6A	±8%	120mV		
TP-7503	5V, 1.5~10A	±3%	100mV	70%	75W
	3.3V, 0.2~8.0A	±4%	50mV		
	12V, 0.0~0.6A	±8%	120mV		

100W — Triple Output

Model No.	Output	Tol.	R&N	Effi.	Max.
TP-100A	5V, 3.0~15A	±3%	100mV	75%	101W
	12V, 0.4~5.0A	±7%	120mV		
	-5V, 0.0~1.0A	±6%	100mV		

Model No.	Output	Tol.	R&N	Effi.	Max.
TP-100B	5V, 3.0~15A	±3%	100mV	78%	105W
	12V, 0.4~5.0A	±6%	120mV		
	-12V, 0.0~1.0A	±6%	100mV		
TP-100C	5V, 3.0~15A	±3%	100mV	77%	104W
	15V, 0.4~4.0A	+10%, -6%	150mV		
	-15V, 0.0~1.0A	±6%	100mV		
TP-100D	5V, 3.0~15A	±3%	100mV	78%	105W
	24V, 0.4~3.0A	±8%	150mV		
	12V, 0.0~1.0A	±6%	100mV		

150W — Triple Output

Model No.	Output	Tol.	R&N	Effi.	Max.
TP-150A	5V, 2.0~20A	±3%	100mV	75%	150W
	12V, 0.4~7.0A	±8%	120mV		
	-5V, 0.0~1.0A	±6%	100mV		
TP-150B	5V, 2.0~20A	±3%	100mV	77%	148W
	12V, 0.4~7.0A	±8%	120mV		
	-12V, 0.0~1.0A	±6%	100mV		
TP-150C	5V, 2.0~20A	±3%	100mV	77%	152W
	15V, 0.4~6.0A	+10%, -6%	150mV		
	-15V, 0.0~1.0A	±6%	100mV		
TP-150D	5V, 2.0~20A	±3%	100mV	78%	154W
	24V, 0.4~4.0A	±8%	150mV		
	12V, 0.0~1.0A	±6%	100mV		

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100W — Quad Output

Model No.	Output	Tol.	R&N	Effi.	Max.
QP-100B	5V, 2.0~10A	±3%	100mV	76%	101W
	12V, 0.3~4.0A	±6%	150mV		
	-12V, 0.15~1.0A	+10%,-6%	150mV		
QP-100C	-5V, 0.0~1.0A	±5%	100mV	77%	101W
	5V, 2.0~10A	±3%	100mV		
	15V, 0.3~3.0A	+6%,-10%	150mV		
QP-100D	-15V, 0.15~1.0A	±8%	150mV	78%	100W
	-5V, 0.0~1.0A	±5%	100mV		
	5V, 2.0~10A	±3%	120mV		
QP-100F	12V, 0.0~3.0A	±3%	150mV	78%	103W
	24V, 0.3~2.0A	±6%	200mV		
	-12V, 0.0~1.0A	±5%	150mV		
QP-100-3A	5V, 2.0~10A	±3%	100mV	74%	99W
	3.3V, 0.0~10A	±3%	100mV		
	12V, 0.3~3.0A	±6%	150mV		
QP-100-3B	-5V, 0.0~1.0A	±5%	150mV	74%	100W
	5V, 2.0~10A	±3%	100mV		
	3.3V, 0.0~10A	±3%	100mV		
QP-100-3C	12V, 0.3~3.0A	±6%	150mV	75%	101W
	-12V, 0.0~1.0A	±5%	150mV		
	5V, 2.0~10A	±3%	100mV		
QP-100-3D	3.3V, 0.0~10A	±3%	100mV	75%	105W
	15V, 0.3~2.0A	+8%,-6%	150mV		
	-15V, 0.0~1.0A	±5%	150mV		

150W — Quad Output

Model No.	Output	Tol.	R&N	Effi.	Max.
QP-150B	5V, 3.0~15A	±3%	100mV	76%	150W
	12V, 0.4~5.0A	±6%	150mV		
	-12V, 0.3~2.0A	+10%,-6%	150mV		
QP-150C	-5V, 0.0~1.0A	±5%	100mV	77%	153W
	5V, 3.0~15A	±3%	100mV		
	15V, 0.4~4.0A	+6%,-10%	150mV		
QP-150D	-15V, 0.3~2.0A	±8%	150mV	78%	150W
	-5V, 0.0~1.0A	±5%	100mV		
	5V, 3.0~15A	±3%	120mV		
QP-150F	12V, 0.0~5.0A	±3%	150mV	78%	152W
	24V, 0.4~3.0A	±6%	200mV		
	-12V, 0.0~1.0A	±5%	150mV		
QP-150-3A	5V, 3.0~15A	±3%	100mV	73%	146W
	3.3V, 0.0~15A	±3%	100mV		
	12V, 0.4~5.0A	±6%	150mV		
QP-150-3B	-5V, 0.0~1.0A	±5%	150mV	75%	150W
	5V, 3.0~15A	±3%	100mV		
	3.3V, 0.0~15A	±3%	100mV		
QP-150-3C	12V, 0.4~5.0A	±6%	150mV	74%	152W
	-12V, 0.0~1.0A	±5%	150mV		
	5V, 3.0~15A	±3%	100mV		
QP-150-3D	3.3V, 0.0~15A	±3%	100mV	76%	150W
	15V, 0.4~5.0A	+8%,-6%	150mV		
	-15V, 0.0~1.0A	±5%	150mV		

200W — Quad Output

Model No.	Output	Tol.	R&N	Effi.	Max.
QP-200D	5V, 3.0~20A	±3%	100mV	75%	203W
	12V, 0.0~7.0A	±3%	150mV		
	24V, 0.4~6.0A	+10%,-6%	150mV		
QP-200F	-12V, 0.0~1.0A	±6%	150mV	75%	203W
	5V, 3.0~20A	±3%	100mV		
	15V, 0.0~6.0A	±3%	150mV		
QP-200-3A	24V, 0.4~6.0A	+10%,-6%	150mV	72%	200W
	-15V, 0.0~1.0A	±6%	150mV		
	5V, 3.0~20A	±3%	100mV		
QP-200-3B	3.3V, 0.0~20A	±3%	100mV	72%	205W
	12V, 0.5~8.0A	+8%,-10%	150mV		
	-5V, 0.0~1.0A	±6%	150mV		
QP-200-3C	5V, 3.0~20A	±3%	100mV	72%	210W
	3.3V, 0.0~20A	±3%	100mV		
	15V, 0.5~7.0A	+10%,-6%	150mV		
QP-200-3D	-15V, 0.0~1.0A	±6%	150mV	74%	204W
	5V, 3.0~20A	±3%	100mV		
	3.3V, 0.0~20A	±3%	100mV		
QP-200-3E	24V, 0.4~6.0A	+10%,-6%	150mV	74%	206W
	-12V, 0.0~1.0A	±6%	150mV		
	5V, 3.0~20A	±3%	100mV		

320W — Quad Output

Model No.	Output	Tol.	R&N	Effi.	Max.
QP-320D	5V, 2.5~20A	±3%	100mV	83%	316W
	12V, 0.0~10A	±3%	150mV		
	24V, 0.2~5.0A	+10%,-6%	150mV		
QP-320F	-12V, 0.2~2.0A	±10%	150mV	83%	316W
	5V, 2.5~20A	±3%	100mV		
	15V, 0.0~10A	±3%	150mV		
	24V, 0.2~5.0A	+10%,-6%	150mV		
	-15V, 0.2~1.6A	±10%	150mV		

375W — Quad Output

Model No.	Output	Tol.	R&N	Effi.	Max.
QP-375-5A	5V, 3.5~40A	±1%	100mV	77%	378W
	12V, 0.0~16A	±1%	150mV		
	±12V, 0.0~6.0A	±1%	150mV		
QP-375-5B	±12V, 0.0~3.0A	±1%	50mV	77%	357W
	5V, 3.5~40A	±1%	100mV		
	12V, 0.0~16A	±1%	120mV		
QP-375-5C	±12V, 0.0~6.0A	±1%	120mV	77%	378W
	±5V, 0.0~3.0A	±1%	50mV		
	5V, 3.5~40A	±1%	100mV		
QP-375-5D	12V, 0.0~16A	±1%	150mV	78%	378W
	±15V, 0.0~4.0A	±1%	150mV		
	±15V, 0.0~4.0A	±1%	240mV		
QP-375-5E	5V, 3.5~40A	±1%	100mV	78%	378W
	12V, 0.0~16A	±1%	120mV		
	±24V, 0.0~3.0A	±1%	240mV		
QP-375-24B	±24V, 0.0~3.0A	±1%	240mV	78%	386W
	24V, 1.0~10A	±1%	240mV		
	5V, 0.0~16A	±1%	50mV		
QP-375-24C	±12V, 0.0~4.0A	±1%	120mV	80%	410W
	±12V, 0.0~4.0A	±1%	120mV		
	24V, 1.0~10A	±1%	240mV		
	5V, 0.0~10A	±1%	50mV		
	±15V, 0.0~4.0A	±1%	150mV		
	±15V, 0.0~4.0A	±1%	150mV		