

75W Triple Output with PFC Function



CASE: 920A 179x 99x 33 mm

- Universal AC input / Full range
- PF>0.98@115VAC; >0.95@230VAC
- Thin profile (33mm thickness)
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Fixed switching frequency at 134kHz
- 3 years warranty

AC input voltage range90~264VAC; 120~370VDC
 DC adjustment range CH1: -5~+10% rated output voltage
 Overload protection 105~150% hiccup mode, auto-recovery
 Over voltage protection CH1: 115~135% rated output voltage
 Withstand voltage I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, 1minute
 Working temperature -10°C~60°C (refer to output derating curve)
 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
 Packing 0.65kg ; 20pcs / 12.7kg / 0.64CUFT

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		
TP-75B	-5V, 0.0~0.6A	±8%	100mV	70%	76W
	12V, 0.2~4.0A	±4%	120mV		
TP-75C	-12V, 0.0~0.6A	±8%	120mV	70%	75W
	5V, 1.5~10A	±3%	100mV		
TP-75D	15V, 0.2~3.0A	±4%	120mV		
	-15V, 0.0~0.6A	±8%	120mV	70%	76W
TP-7503	5V, 1.5~10A	±3%	100mV	70%	75W
	24V, 0.2~2.5A	±4%	120mV		
	12V, 0.0~0.6A	±8%	120mV		
	3.3V, 0.2~8.0A	±4%	50mV		
	12V, 0.0~0.6A	±8%	120mV		

320W Quad Output with PFC Function



CASE: 912I 215x 115x 50 mm

- Universal AC input / Full range
- PF>0.98@115VAC; >0.95@230VAC
- 20A peak load capability for 24V channel
- CH1, 2 can be adjusted from -5~+10%
- PG and PF signal output
- Built-in remote sense for CH1,2
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Forced air cooling by built-in DC fan
- 100% full load burn-in test
- 3 years warranty

AC input voltage range 90~264VAC; 127~370VDC
 DC adjustment range -5~+10% for CH1 and CH2 output
 Overload protection 105%~150% fold back current limiting, auto-recovery
 Over voltage protection ... 115%~135% rated output voltage for CH1 & CH2
 Withstand voltage I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, 1minute
 Working temperature -10°C~50°C@100%, 70°C@40% load
 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 9P/ 9.5mm pitch terminal block with cover
 Packing 1.2kg ; 12pcs / 15.4kg / 0.92CUFT

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		
	-12V, 0.2~2.0A	±10%	150mV		
QP-320F	5V, 2.5~20A	±3%	100mV	83%	316W
	15V, 0.0~10A	±3%	150mV		
	24V, 0.2~5.0A	+10%, -6%	150mV		
	-15V, 0.2~1.6A	±10%	150mV		

100W Triple and Quad Output with PFC Function



- Universal AC input / Full range
- PF>0.98@115VAC; >0.94@230VAC
- Protections: Short circuit / Overload / Over voltage
- Over temp. protection (option)
- Cooling by free air convection
- CH4 polarity can be reversed for QP-100-3X and QP-100D/F (option)
- 3 years warranty



CASE: 916A 199x 99x 50 mm

AC input voltage range	90~264VAC; 127~370VDC
AC inrush current	Cold start, 40A at 230VAC
DC adjustment range	CH1: -5~+10% rated output voltage (CH1&2 for QP-100-3X and QP-100D/F)
Overload protection	105~150% hiccup mode, auto-recovery
Over voltage protection	115~135% for CH1 or CH1&2
Withstand voltage	I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, 1 minute
Working temperature	-10~60°C (refer to output derating curve)
Safety standards	UL60950-1, TUV EN60950-1 approved
EMC standards	EN55022 class B, EN61000-4-2,3,4,5,6,8,11, EN61000-3-2,3, ENV50204
Connection	7.62mm pitch terminal block with cover
Packing	0.83kg; 20pcs / 17.6kg / 1.28CUFT (TP-100) 0.87kg; 20pcs / 18.4kg / 1.28CUFT (QP-100)

◆ 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		
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		

◆ 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, 2.0~10A	±3%	100mV	77%	101W
	15V, 0.3~3.0A	+6%, -10%	150mV		
	-15V, 0.15~1.0A	±8%	150mV		
QP-100D	5V, 2.0~10A	±3%	120mV	78%	100W
	12V, 0.0~3.0A	±3%	150mV		
	24V, 0.3~2.0A	±6%	200mV		
QP-100F	5V, 2.0~10A	±3%	120mV	78%	103W
	15V, 0.0~3.0A	±3%	180mV		
	24V, 0.3~2.0A	±6%	200mV		
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, 2.0~10A	±3%	100mV	74%	100W
	3.3V, 0.0~10A	±3%	100mV		
	12V, 0.3~3.0A	±6%	150mV		
QP-100-3C	5V, 2.0~10A	±3%	100mV	75%	101W
	3.3V, 0.0~10A	±3%	100mV		
	15V, 0.3~2.0A	+8%, -6%	150mV		
QP-100-3D	5V, 2.0~10A	±3%	100mV	75%	105W
	3.3V, 0.0~10A	±3%	100mV		
	24V, 0.3~2.0A	±6%	150mV		
QP-100-3E	5V, 2.0~10A	±3%	100mV	75%	105W
	3.3V, 0.0~10A	±3%	100mV		
	-12V, 0.0~1.0A	±5%	150mV		

150W Triple and Quad Output with PFC Function



- Universal AC input / Full range
- PF>0.98@115VAC; >0.94@230VAC
- Protections: Short circuit / Overload / Over voltage
- Over temp. protection (option)
- Forced air cooling by built-in DC fan
- CH4 polarity can be reversed for QP-150-3X and QP-150-D/F (option)
- 3 years warranty



CASE: 916B 199x 99x 50 mm

AC input voltage range	90~264VAC; 127~370VDC
AC inrush current	Cold start, 40A at 230VAC
DC adjustment range	CH1: -5~+10% rated output voltage (CH1&2 for QP-150-3X and QP-150D/F)
Overload protection	105~150% hiccup mode, auto-recovery
Over voltage protection	115~135% for CH1 or CH1&2
Withstand voltage	I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, 1 minute
Working temperature	-10~60°C (refer to output derating curve)
Safety standards	UL60950-1, TUV EN60950-1 approved
EMC standards	EN55022 class B, EN61000-4-2,3,4,5,6,8,11, EN61000-3-2,3, ENV50204
Connection	7.62mm pitch terminal block with cover
Packing	0.90kg; 20pcs / 19.0kg / 1.28CUFT (TP-150) 0.93kg; 20pcs / 19.6kg / 1.28CUFT (QP-150)

◆ 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		

◆ 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, 3.0~15A	±3%	100mV	77%	153W
	15V, 0.4~4.0A	+6%, -10%	150mV		
	-15V, 0.3~2.0A	±8%	150mV		
QP-150D	5V, 3.0~15A	±3%	120mV	78%	150W
	12V, 0.0~5.0A	±3%	150mV		
	24V, 0.4~3.0A	±6%	200mV		
QP-150F	5V, 3.0~15A	±3%	120mV	78%	152W
	15V, 0.0~5.0A	±3%	150mV		
	24V, 0.4~3.0A	±6%	200mV		
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, 3.0~15A	±3%	100mV	75%	150W
	3.3V, 0.0~15A	±3%	100mV		
	12V, 0.4~5.0A	±6%	150mV		
QP-150-3C	5V, 3.0~15A	±3%	100mV	74%	152W
	3.3V, 0.0~15A	±3%	100mV		
	15V, 0.4~5.0A	+8%, -6%	150mV		
QP-150-3D	5V, 3.0~15A	±3%	100mV	76%	150W
	3.3V, 0.0~15A	±3%	100mV		
	24V, 0.3~3.0A	±6%	150mV		
QP-150-3E	5V, 3.0~15A	±3%	100mV	76%	150W
	3.3V, 0.0~15A	±3%	100mV		
	-12V, 0.0~1.0A	±5%	150mV		

200W Quad Output with PFC Function



CASE: 912 215x 115x 50 mm

- Universal AC input / Full range
- PF>0.98@115VAC; >0.95@230VAC
- CH4 polarity can be reversed from "-" to "+" (option)
- CH1,2 can be adjusted from -5~+10%
- PG and PF signal output (option)
- Built-in remote sense for CH1,2
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Forced air cooling by built-in DC fan
- 100% full load burn-in test
- 3 years warranty

AC input voltage range 90~264VAC; 127~370VDC
 AC inrush current Cold start, 30A at 230VAC
 DC adjustment range -5~+10% for CH1 and CH2 output
 Overload protection 105%~150% constant current, auto-recovery
 Over voltage protection 115%~135% rated output voltage for CH1 & CH2
 Setup, rise, hold up time . 800ms, 50ms, 24ms at full load and 230VAC
 Power good/fail signal 10ms / 1ms (option)
 Withstand voltage I/P-O/P: 3kVAC, I/P-FG:1.5kVAC, 1minute
 Working temperature -10°C~60°C (refer to output derating curve)
 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 9P/ 9.5mm pitch terminal block with cover
 Packing 1.2kg ; 12pcs / 15.4kg / 0.92CUFT

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		
	-12V, 0.0~1.0A	±6%	150mV		
QP-200F	5V, 3.0~20A	±3%	100mV	75%	203W
	15V, 0.0~6.0A	±3%	150mV		
	24V, 0.4~6.0A	+10%, -6%	150mV		
	-15V, 0.0~1.0A	±6%	150mV		
QP-200-3A	5V, 3.0~20A	±3%	100mV	72%	200W
	3.3V, 0.0~20A	±3%	100mV		
	12V, 0.5~8.0A	+8%, -10%	150mV		
	-5V, 0.0~1.0A	±6%	150mV		
QP-200-3B	5V, 3.0~20A	±3%	100mV	72%	205W
	3.3V, 0.0~20A	±3%	100mV		
	12V, 0.5~8.0A	+8%, -10%	150mV		
	-12V, 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		
	-15V, 0.0~1.0A	±6%	150mV		
QP-200-3D	5V, 3.0~20A	±3%	100mV	74%	204W
	3.3V, 0.0~20A	±3%	100mV		
	24V, 0.4~6.0A	+10%, -6%	150mV		
	-12V, 0.0~1.0A	±6%	150mV		
QP-200-3E	5V, 3.0~20A	±3%	100mV	74%	206W
	3.3V, 0.0~20A	±3%	100mV		
	24V, 0.4~6.0A	+10%, -6%	150mV		
	-15V, 0.0~1.0A	±6%	150mV		

375W Quad Output with PFC Function



CASE: 927 280x 127x 63.5 mm

- Universal AC input / Full range
- PF>0.98@115VAC; >0.95@230VAC
- CH3 and CH4 are isolated from other outputs and polarity can be reversed
- CH1,2,3,4 adjustable from -5~+10%
- All outputs are stable within ±1%
- No min. load requirement for CH 2,3,4
- Built-in power good and fail signal output
- Remote sense and ON/OFF control
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Forced air cooling by built-in DC fan
- 100% full load burn-in test
- 3 years warranty

AC input voltage range 85~264VAC; 120~370VDC
 AC inrush current Cold start, 45A at 230VAC
 DC adjustment range All outputs -5%~+10% for QP-375-5 series,
 ±10% for QP-375-24 series
 Overload protection 105%~135% hiccup mode, auto-recovery
 Over voltage protection CH1: 115~135% rated output voltage
 Setup, rise, hold up time 800ms, 50ms, 36ms at full load and 230VAC
 Withstand voltage I/P-O/P: 3kVAC, I/P-FG:1.5kVAC, 1minute
 Working temperature -10°C~60°C (refer to output derating curve)
 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 3P/ 9.5mm pitch terminal block for input
 10P/ 9.5mm pitch terminal block for output
 Packing 2.4kg ; 6pcs / 14.8kg / 1.45CUFT

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		
	±12V, 0.0~3.0A	±1%	50mV		
QP-375-5B	5V, 3.5~40A	±1%	100mV	77%	357W
	12V, 0.0~16A	±1%	120mV		
	±12V, 0.0~6.0A	±1%	120mV		
	±5V, 0.0~3.0A	±1%	50mV		
QP-375-5C	5V, 3.5~40A	±1%	100mV	77%	378W
	12V, 0.0~16A	±1%	150mV		
	±15V, 0.0~4.0A	±1%	150mV		
	±15V, 0.0~4.0A	±1%	240mV		
QP-375-5D	5V, 3.5~40A	±1%	100mV	78%	378W
	12V, 0.0~16A	±1%	120mV		
	±12V, 0.0~6.0A	±1%	120mV		
	±24V, 0.0~3.0A	±1%	240mV		
QP-375-5E	5V, 3.5~40A	±1%	100mV	78%	378W
	12V, 0.0~16A	±1%	120mV		
	±24V, 0.0~4.0A	±1%	120mV		
	±24V, 0.0~3.0A	±1%	240mV		
QP-375-24B	24V, 1.0~10A	±1%	240mV	78%	386W
	5V, 0.0~16A	±1%	50mV		
	±12V, 0.0~4.0A	±1%	120mV		
	±12V, 0.0~4.0A	±1%	120mV		
QP-375-24C	24V, 1.0~10A	±1%	240mV	80%	410W
	5V, 0.0~10A	±1%	50mV		
	±15V, 0.0~4.0A	±1%	150mV		
	±15V, 0.0~4.0A	±1%	150mV		