



# Power Supplies & UPS

## 100W-375W Quad Output With PFC Function

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



QP-100 Series

### FEATURES:

- Universal AC input / Full range
- PF>0.98@115VAC ; >0.94@230VAC
- Protections: Short circuit/Over load/Over voltage
- Over temp. protection (option)
- Approvals: UL/CUL/TUV/CB/CE
- Free air cooling convection for 100W
- Forced air cooling by built-in DC fan for 150W
- Ch4 polarity can be reversed for QP-100-3X/ QP-150-3X (option)
- 3 years warranty



AC input voltage range: 90~264VAC ; 127~370VDC  
 DC adjustment range: CH1: -5~+10% rated output voltage  
 (CH1&2 for QP-100/150-3 series)  
 Over load protection: CH1: 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, 1minute  
 Working temperature: -10~60°C (refer to output derating curve)  
 Safety standards: UL60950-1, TUV EN60950-1 approved  
 Connection: 7.62mm pitch terminal block with cover

Part No.	Product No.	Manufacturer	Description	Tol.(±)	Output Volt./Current	Tol.(±)	Output Volt./Current	Tol.(±)	Output Volt./Current	Tol.(±)	Output Volt./Current
21087	QP-100-3A	MEAN WELL	MEAN WELL_100W Quad Output with PFC Function	±5%	-5V/0~1A	±6%	12V/0.3~3A	±3%	3.3V/0~10A	±3%	5V/2~10A
21088	QP-100-3B	MEAN WELL	MEAN WELL_100W Quad Output with PFC Function	±5%	-12V/0~1A	±6%	12V/0.3~3A	±3%	3.3V/0~10A	±3%	5V/0~10A
21089	QP-100-3C	MEAN WELL	MEAN WELL_100W Quad Output with PFC Function	±5%	-15V/0~1A	+8,-6%	15V/0.3~2A	±3%	3.3V/0~10A	±3%	5V/2~10A
21090	QP-100-3D	MEAN WELL	MEAN WELL_100W Quad Output with PFC Function	±5%	-12V/0~1A	±6%	24V/0.3~2A	±3%	3.3V/0~10A	±3%	5V/2~10A
21045	QP-100B	MEAN WELL	MEAN WELL_100W Quad Output with PFC Function	±5%	-5V/0.0~1.0A	+10%,-6%	-12V/0.15~1.0A	±6%	12V/0.3~4.0A	±3%	5V/2.0~10A
16144	QP-100C	MEAN WELL	MEAN WELL_100W Quad Output with PFC Function	±3%	5V/2.0~10A	+6%,-10%	15V/0.3~2.0A	±8%	-15V/0.15~1.0A	±5%	-5V/0.0~1.0A
21085	QP-100D	MEAN WELL	MEAN WELL_100W Quad Output with PFC Function	±5%	-12V/01~A	±6%	24V/0.3~2A	±3%	12V/0~3A	±3%	5V/2~10A
21086	QP-100F	MEAN WELL	MEAN WELL_100W Quad Output with PFC Function	±5%	-15V/0~1A	±6%	24V/0.3~2A	±3%	15V/0~3A	±3%	5V/2~10A



QP-150 Series

### FEATURES:

- Universal AC input / Full range
- Built-in active PFC function, PF>0.95
- Protections: Short circuit/Over load/Over voltage
- Forced air cooling by built-in DC fan
- Fixed switching frequency at 100KHz(Optional)
- 3 years warranty

VOLTAGE RANGE: 90 ~ 264VAC 127 ~ 370VDC  
 AC CURRENT: 2.5A/115VAC 1.2A/230VAC  
 INRUSH CURRENT (max.): COLD START≤40A  
 LEAKAGE CURRENT: <3.5mA/ 240VAC  
 WORKING TEMP.: -10 ~ +60°C (Refer to output load derating curve)  
 SAFETY STANDARDS: UL1950, TUV EN60950 Approved  
 WITHSTAND VOLTAGE: I/P-O/P: 3KVAC I/P-FG: 1.5KVAC  
 O/P-FG: 0.5KVAC  
 EMS IMMUNITY: Compliance to EN61000-4, 2, 3, 4, 5, 6, 8, 11;  
 ENV50204 EN55024, Light industry level, criteria A  
 DIMENSION: 199\*99\*50mm (L\*W\*H)



Part No.	Product No.	Manufacturer	Description	Tol.(±)	Output Volt./Current	Tol.(±)	Output Volt./Current	Tol.(±)	Output Volt./Current	Tol.(±)	Output Volt./Current
30343	QP-150-3A	MEAN WELL	MEAN WELL_150W Quad Output with PFC Function	±5%	-5V/0.0~1.0A	±6%	12V/0.4~5.0A	±3%	3.3V/0.0~15A	±3%	5V/3.0~15A
30344	QP-150-3B	MEAN WELL	MEAN WELL_150W Quad Output with PFC Function	±5%	-12V/0.0~1.0A	±6%	12V/0.4~5.0A	±3%	3.3V/0.0~15A	±3%	5V/3.0~15A
30345	QP-150-3C	MEAN WELL	MEAN WELL_150W Quad Output with PFC Function	±5%	-15V/0.0~1.0A	+8%,-6%	15V/0.4~5.0A	±3%	3.3V/0.0~15A	±3%	5V/3.0~15A
30346	QP-150-3D	MEAN WELL	MEAN WELL_150W Quad Output with PFC Function	±5%	-12V/0.0~1.0A	±6%	24V/0.3~3.0A	±3%	3.3V/0.0~15A	±3%	5V/3.0~15A
23507	QP-150B	MEAN WELL	MEAN WELL_150W Quad Output with PFC Function	±5%	-5V/0.0~1.0A	+10%,-6%	-12V/0.3~2.0A	±6%	12V/0.4~5.0A	±3%	5V/3.0~15A
30339	QP-150C	MEAN WELL	MEAN WELL_150W Quad Output with PFC Function	±5%	-5V/0.0~1.0A	±8%	-15V/0.3~2.0A	+6%,-10%	15V/0.4~4.0A	±3%	5V/3.0~15A
28677	QP-150D	MEAN WELL	MEAN WELL_150W Quad Output with PFC Function	±5%	-12V/0.0~1.0A	±6%	24V/0.4~3.0A	±3%	12V/0.0~5.0A	±3%	5V/3.0~15A
30342	QP-150F	MEAN WELL	MEAN WELL_150W Quad Output with PFC Function	±5%	-15V/0.0~1.0A	±6%	24V/0.4~3.0A	±3%	15V/0.0~5.0A	±3%	5V/3.0~15A

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T E L : Taiwan: 886-3-5753170  
 F A X : Taiwan: 886-3-5753172  
 E-mail: Taiwan: sale@100y.com.tw

Shenzhen: 86-755-83298787  
 Shenzhen: 86-755-83640655  
 Shenzhen: 100y@163.com

Shanghai: 86-21-54151736  
 Shanghai: 86-21-64605107  
 Shanghai: 100y-1@163.com