

Feature:

- Designed in USA, Made in China
- Built-in active PFC function PF > 0.9,
- No load power consumption < 0.5w
- Fanless design with -30~+70°C working temperature
- Fully enclosed plastic case
- Global Certificates.
- Case Material: PC.
- Universal AC input / Full range
- Fully sealed by ultrasonic welding.
- Protection: Over Load/Over Voltage/Over Current /Over Temp/Short - Circuit.
- LED indicator show work status (blue or green)
- Meet Energy Efficiency VI, Comply with CEC VI, DOE VI.
- Brand Power Cord and DC Wire matched our products.
- Customized Label and DC connector
- 3 years warranty



MODEL NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE NOTE 1	VOLTAGE ACCURACY NOTE 2	LINE REGULATION NOTE 3	LOAD REGULATION NOTE 4	% EFF. (Typ.) NOTE 5
QXP-PAD-05016000	5V	16A	< 200mV	±2%	±1%	±5%	88%
QXP-PAD-09016000	9 V	16A		±2%	±1%	±5%	88%
QXP-PAD-10016000	10 V	16A		±2%	±1%	±5%	88%
QXP-PAD-12015000	12V	15A		±2%	±1%	±5%	88%
QXP-PAD-12016000	12V	16A		±2%	±1%	±5%	90%
QXP-PAD-15016000	15 V	16A		±2%	±1%	±5%	90%
QXP-PAD-18013000	18 V	13A		±2%	±1%	±5%	90%
QXP-PAD-20012000	20 V	12A		±2%	±1%	±5%	90%
QXP-PAD-24008000	24 V	8A		±2%	±1%	±5%	90%
QXP-PAD-24010000	24V	10A		±2%	±1%	±5%	90%
QXP-PAD-28008500	28V	8.5A		±2%	±1%	±5%	90%
QXP-PAD-30008000	30V	8A		±2%	±1%	±5%	90%
QXP-PAD-36006600	36V	6.6A		±2%	±1%	±5%	90%
QXP-PAD-42005000	42V	5.0A		±2%	±1%	±5%	90%

QXP-PAD-48005000	48V	5A		±2%	±1%	±5%	90%
QXP-PAD-60004000	60V	4A		±2%	±1%	±5%	90%
※For More list, please refer to link							

Note:

1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient.
2. DC voltage: The output voltage set at point measure by plug terminal & 50% load.
3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1μF & 47μF capacitor.
4. Tolerance: includes set up tolerance, line regulation, load regulation.
5. Line regulation is measured from low line to highline at rated load.
6. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time.
7. Derating may be needed under low input voltage. please check the derating curve for more details.
8. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft) . 9. The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the

EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."

(as available on <http://www.qinxpower.com>)

TECHNICAL SPECIFICATIONS:

(All specifications are typical at nominal input, full load at 25°C unless otherwise noted.)

INPUT

PARAMETER	NOTES and CONDITIONS	Device	Min.	Typ.	Max.	Units
Operating Voltage Range		All	100		240	Vac
Input Frequency Range		All	47 63			Hz
Maximum Input Current	100% Load, Vin=100Vac	All			4.0	A
Leakage Current (Touch)		All			100	uA
Under Voltage Protection		All	48 67			Vac
Inrush Current	Vin=240Vac , Cold start at 25C	All			80	A

OUTPUT

PARAMETER	CONDITIONS	Device	Min.	Typ.	Max.	Units
regulation		All		±5		Vac

PROTECTIONS

PARAMETER	NOTES and CONDITIONS	Device	Min.	Typ.	Max.	Units
over voltage protection	output latch off	All			150	%
over current protection	output shut down, auto recovery	All	180			%
short circuit protection	output shut down, auto recovery	All	180			%

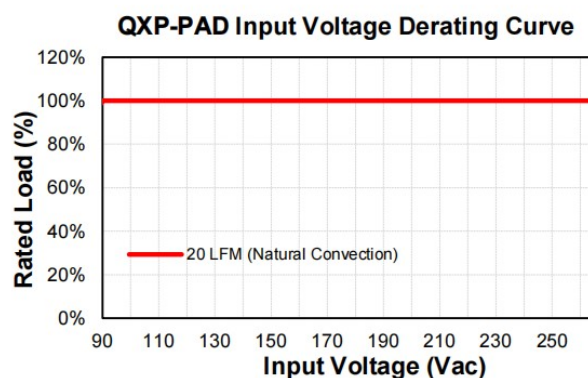
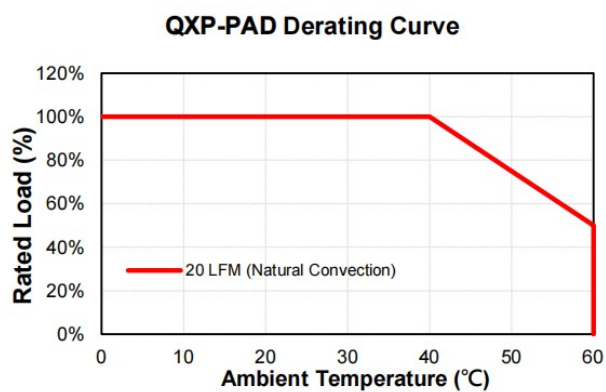
SAFETY & COMPLIANCE

PARAMETER	NOTES and CONDITIONS	Device	Min.	Typ.	Max.	Units
isolation voltage	input to output at 10 mA for 1 minute	All		3000		Vac
	input to frame ground at 10 ma for 1 minute	All		1500		Vac
isolation resistance	input to output at 500 Vdc	All		10		MΩ
	input to frame ground at 500 Vdc			10		MΩ
safety approvals	UL/cUL (60950-1, 62368-1), PSE, LPS, UKCA	All				
EMI/EMC	FCC Part 15B Class B, CE	All				
MTBF	as per Telcordia SR-332, 25°C	All	50,000			Hours
RoHS	Yes	All				

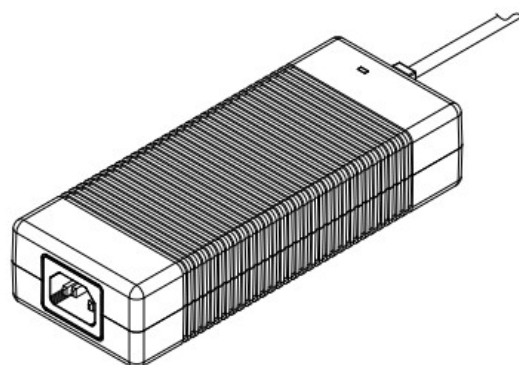
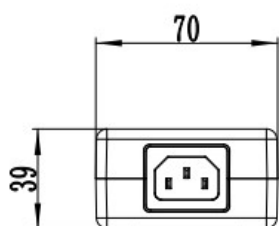
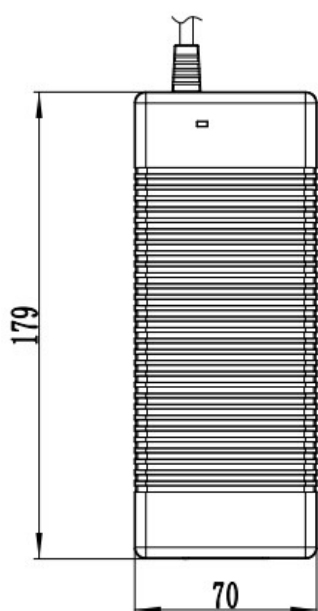
ENVIRONMENTAL

PARAMETER	NOTES and CONDITIONS	Device	Min.	Typ.	Max	Units
operating temperature	Output models	All	-40		60	°C
storage temperature	Non-condensing	All	-20		80	°C
operating humidity	non-condensing	All	20		80	%
storage humidity	non-condensing	All	10		90	%

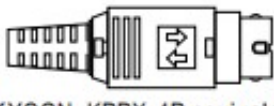
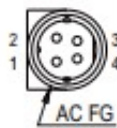
Power Derating Curve

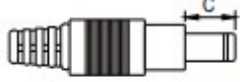


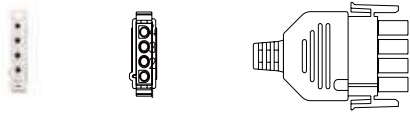
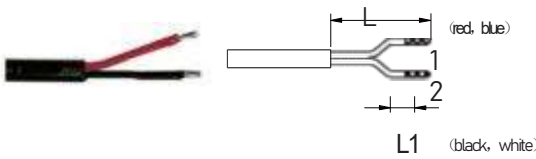
Mechanical Specification (mm)



Optional DC plug: (Available in customized cable or quick adapter)

R7B		Pin Assignment	
   KYCON KPPX-4P equivalent	 -V connected to AC FG	PIN NO.	OUTPUT
		1	+Vo
		2	-Vo
		3	-Vo
		4	+Vo

Tuning Fork Style	Type No.	A	B	C	Quick Adapter Accessory
		OD	ID	L	
   (Straight)	P1J	5.5	2.1	11.0	Available for 48V (Current rating: 7.5A max.)
	P1M	5.5	2.5	11.0	
Min. DIN 4 Pin with Lock (female)	Type No.	Pin Assignment		None	
   KYCON KPJX-CM-4S equivalent	R7BF	PIN No.	Output		
		1	+Vo		
		2	-Vo		
		3	-Vo		
		4	+Vo		
DIN 5 Pin (male)	Type No.	Pin Assignment		None	
  	R1B	PIN No.	Output		
		1	-Vo		
		2	-Vo		
		3	+Vo		
		4	-Vo		
		5	+Vo		
NEUTRIK XLR NC4FX equivalent	Type No.	Pin Assignment		None	
  	MIC4	PIN No.	Output		
		1	+Vo		
		2	+Vo		
		3	-Vo		
		4	-Vo		
MOLEX 39-01-2060 (4.2mm) equivalent	Type No.	Pin Assignment		None	
   FG not connected to output connector	C6P	PIN No.	Output		
		1	+Vo		
		2	+Vo		
		3	+Vo		
		4	-Vo		
		5	-Vo		
		6	-Vo		

Amp 1-480702-0 (6.35mm) equivalent	Type No.	pin Assignment		Quick Adapter Accessory
		PIN No.	output	
 FG not connected to output connector	C4P	1	+Vo	None
		2	+Vo	
		3	-Vo	
		4	-Vo	
stripped and tinned leads	Type No.	pin Assignment		
		PIN No.	output	
 Length of Land L1 by request (MW, s standard length, L: 25 mm, L1: 5 mm) (NOTE: The wire color is for reference only, please refer to the actual product)	by customer	1	+Vo	None
		2	-Vo	

※Other DC Plug Type please refer to the link: [plug options](#)

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