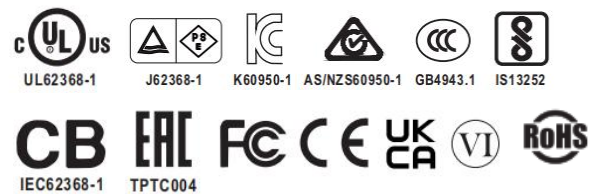
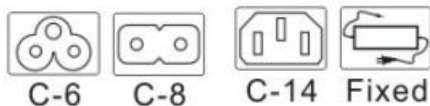


Feature:

- Designed in USA, Made in China
- Global Certificates.
- Case Material: PC.
- Fully sealed by ultrasonic welding.
- Protection: Over Load/Over Voltage/Over Current /Over Temp/Short - Circuit.
- LED indicator show work status
- Meet Energy Efficiency VI, Comply with CEC VI, DOE VI.
- Comply With The Newest Safety Standard: UL62368,EN62368, IEC62368,IEC60950,IEC61558,IEC60335.
- Brand Power Cord and DC Wire matched our products.
- Customized Label and DC connector
- AC inlet: IEC320 - C6,C8, C14 and Fixed inlet optional.



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-05006000	5V	6.0A	120 mV	±2%	±1%	±5%	88%
QXP-PAD-09006000	9 V	6.0A	120 mV	±2%	±1%	±5%	88%
QXP-PAD-12005000	12 V	5.0 A	120 mV	±2%	±1%	±5%	88%
QXP-PAD-12006000	12 V	6.0A	120 mV	±2%	±1%	±5%	88%
QXP-PAD-15005000	15 V	5.0A	150 mV	±2%	±1%	±3%	88%
QXP-PAD-18004000	18 V	4.0A	180 mV	±2%	±1%	±2%	89%
QXP-PAD-24002500	24 V	2.5 A	200 mV	±2%	±1%	±2%	90%
QXP-PAD-24003000	24 V	3.0 A	240 mV	±2%	±1%	±2%	90%
QXP-PAD-36002000	36 V	2.0 A	300 mV	±2%	±1%	±2%	90%
QXP-PAD-48001500	48 V	1.5A	300mV	±2%	±1%	±2%	91%

[Model list](#)

Note:

1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for ripple & noise measuring @20MHz BW.
2. Voltage accuracy is set at 60% full load.
3. Line regulation is measured from 100Vac to 240Vac with full load.
4. Load regulation measured from 60% to 100% full load and from 60% to 20% full load (60%±40% full load).
5. Typical efficiency at 230Vac and 75% full load at 25°C.

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, $V_{in}=100V_{ac}$	All			1.5	A
Leakage Current (Touch)		All			100	uA
Under Voltage Protection		All	48 67			Vac
Inrush Current	$V_{in}=240V_{ac}$, Cold start at 25°C	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

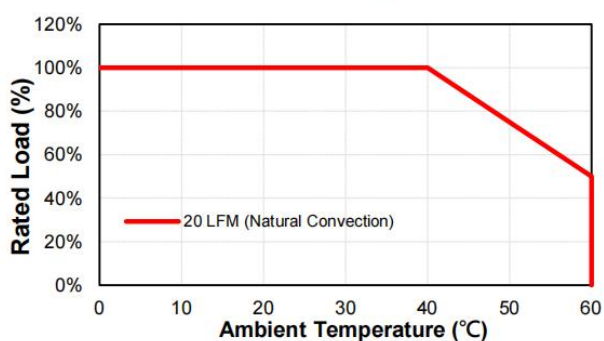
PARAMETER	NOTES and CONDITIONS	Device	Min.	Typ.	Max.	Units
isolation voltage	input to output at 10 mA for 1 minute	All		3000		Vac
	input to frame ground at 10 ma for 1 minute	All		1500		Vac
isolation resistance	input to output at 500 Vdc	All		10		MΩ
	input to frame ground at 500 Vdc			10		MΩ
safety approvals	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

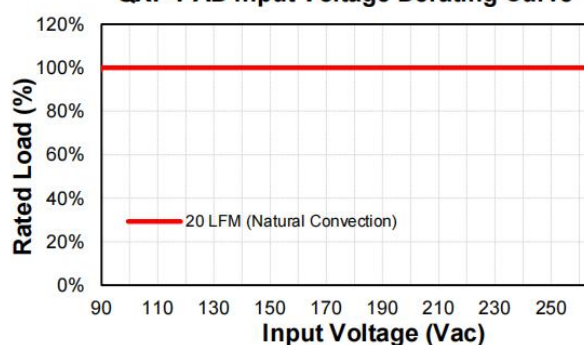
PARAMETER	NOTES and CONDITIONS	Device	Min.	Typ.	Max	Units
operating temperature	12-48W output models	All	-40		60	°C
storage temperature	Non-condensing	All	-20		80	°C
operating humidity	non-condensing	All	20		80	%
storage humidity	non-condensing	All	10		90	%

Power Derating Curve

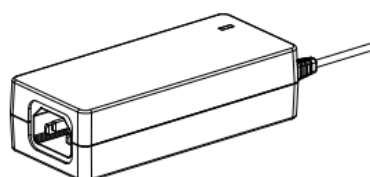
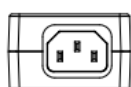
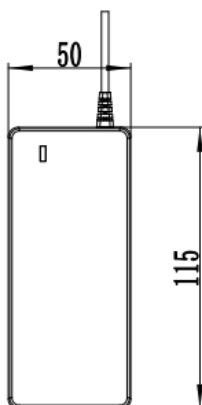
QXP-PAD Derating Curve

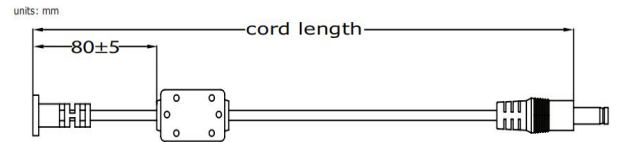


QXP-PAD Input Voltage Derating Curve

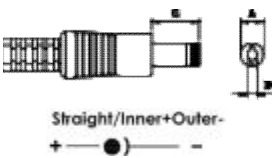
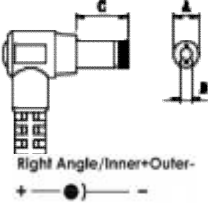
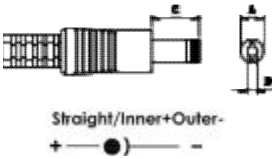
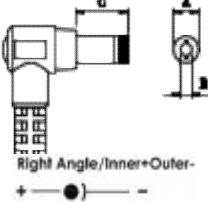
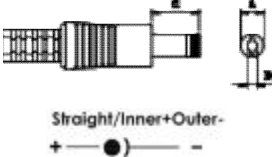
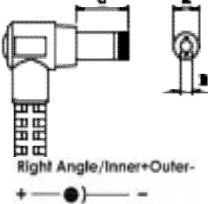


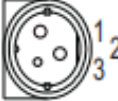
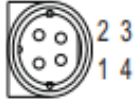
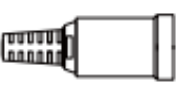
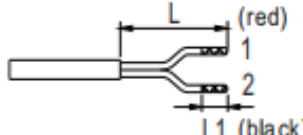
Mechanical Specification (115*50*32mm)





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

DC Plug Type	Cable Number-XXXXX	A	B	C	Cable Type	Cord Length	Cable AWG
		OD (mm)	ID (mm)	L (mm)			
 Straight/Inner+Outer- + ● -	11Q01	Φ5.5	Φ2.1	12	UL2464	1220mm without Core	18AWG for Vo: 5V, 12V
	12Q01	Φ5.5	Φ2.5	12			
	23Q01	Φ5.5	Φ2.1	9.5			
	26Q01	Φ5.5	Φ2.5	9.5			
 Right Angle/Inner+Outer- + ● -	01Q01	Φ5.5	Φ2.1	12			
	02Q01	Φ5.5	Φ2.5	12			
	21Q01	Φ5.5	Φ2.5	9.5			
	24Q01	Φ5.5	Φ2.1	9.5			
 Straight/Inner+Outer- + ● -	11Q02	Φ5.5	Φ2.1	12	UL1185	1220mm without Core	18AWG for Vo: 15V
	12Q02	Φ5.5	Φ2.5	12			
	23Q02	Φ5.5	Φ2.1	9.5			
	26Q02	Φ5.5	Φ2.5	9.5			
 Right Angle/Inner+Outer- + ● -	01Q02	Φ5.5	Φ2.1	12			
	02Q02	Φ5.5	Φ2.5	12			
	21Q02	Φ5.5	Φ2.5	9.5			
	24Q02	Φ5.5	Φ2.1	9.5			
 Straight/Inner+Outer- + ● -	11Q03	Φ5.5	Φ2.1	12	UL1185	1220mm	18AWG for Vo: 18V, 19V 20AWG for Vo: 24V, 36V, 48V
	12Q03	Φ5.5	Φ2.5	12			
	23Q03	Φ5.5	Φ2.1	9.5			
	26Q03	Φ5.5	Φ2.5	9.5			
 Right Angle/Inner+Outer- + ● -	01Q03	Φ5.5	Φ2.1	12			
	02Q03	Φ5.5	Φ2.5	12			
	21Q03	Φ5.5	Φ2.5	9.5			
	24Q03	Φ5.5	Φ2.1	9.5			

Min. DIN 3 Pin with Lock (male)	Type No.	Pin Assignment		Quick Adapter Accessory
		PIN No.	Output	
   KYCON KPPX-3P equivalent	3DIN	1	+Vo	Available
		2	-Vo	
		3	+Vo	
Min. DIN 4 Pin with Lock (male)	Type No.	Pin Assignment		
		PIN No.	Output	
   KYCON KPPX-4P equivalent	4DIN	1	+Vo	Available
		2	-Vo	
		3	-Vo	
		4	+Vo	
Min. DIN 4 Pin with Lock (female)	Type No.	Pin Assignment		
		PIN No.	Output	
   KYCON KPJX-CM-4S equivalent	K4S	1	+Vo	None
		2	-Vo	
		3	-Vo	
		4	+Vo	
DIN 5 Pin (male)	Type No.	Pin Assignment		
		PIN No.	Output	
   	5P1	1	-Vo	Available
		2	-Vo	
		3	+Vo	
		4	-Vo	
		5	+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](#)

Manufacturer:

Guangdong Qinx Technology Co., LTD.

2-3F, Building 3, No.3, Yaming Street,

Dongkeng Community, Fenghuang Street,

Guangming District, Shenzhen

Email: info@qinxpower.com