

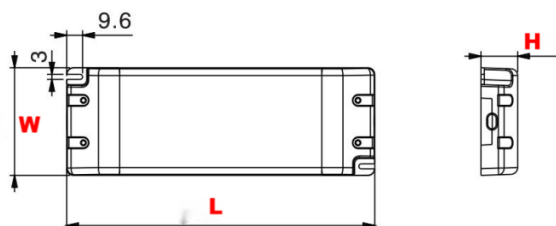
■ Features

- Constant Voltage(C.V.) output
- Thin design, thickness 15mm
- High efficiency up to 88%
- Input voltage:100-240VAC
- Protections:Short circuit/Over current/Over load/Over temperature
- OEM & ODM, Support customization
- Up to 50000-hour life time,3 Years warranty
- SAA,CE,UKCA,ROHS listed



MODEL		QXP-LDB-12W1000	QXP-LDB-12W0500	QXP-LDB-24W2000	QXP-LDB-24W1000	QXP-LDB-36W3000	QXP-LDB-36W1500	QXP-LDB-60W5000	QXP-LDB-60W2500	QXP-LD OEM /ODM
OUTPUT	DC Voltage	12V	24V	12V	24V	12V	24V	12V	24V	24-48V option
	Rated Current	1A	0.5A	2A	1A	3A	15A	5A	2.5A	4A
	Rated Power	12W		24W		36W		60W		80W
	Voltage Tolerance	+/-0.5V								
	Start-up Time (Typ.)	<300ms 120VAC/230VAC								
INPUT	Voltage Range	100 – 240VAC								
	Frequency Range	50/60Hz								
	AC Current (Typ.)	0.3A	0.3A	1A	1A	1A	1A	15A	15A	
	Efficiency (Typ.)	84%	87%	87%	88%	88%	88%	90%	91%	
	Inrush Current (Typ.)	< 50A 120 VAC/230VAC								
	Leakage current	<0.5mA / 120 VAC /230VAC								
GUARDS	Over Current	Hiccup mode, auto-recovery upon removal of fault condition								
	Short Circuit	Hiccup mode, auto-recovery upon removal of fault condition								
ENVIRO.	Ta	4°F (-20°C) to 104°F (40°C)								
	Working Humidity	20 – 90% Relative Humidity, non-condensing								
	Storage Temp. & RH	-40°F (-40°C) to 176°F (80°C), 10 – 95% Relative Humidity								
	Vibration	10 – 500Hz, 2G 10min/1cycle, period for 60min each along X,Y,Z axes								
SAFETY & EMC	Safety Standards	EN61347-2-13:2014+A1:2017,EN61347-1:2015+A1:2021,EN62493:2015								
	Withstand Voltage	I/P-O/P:3750VAC								
	Isolation Resistance	I/P – O/P: 100M Ohms / 500VDC /25°C / 70% RH								
	EMC Emission	Compliance to FCC Part 15B (>=50% loading)								
OTHER	MTBF	50000Hours								
	Cooling	Free Air Convection								
	Case	Fully isolated polycarbonate plastic case with built in terminal block for direct-wire connections								

■ Dimensions (mm)



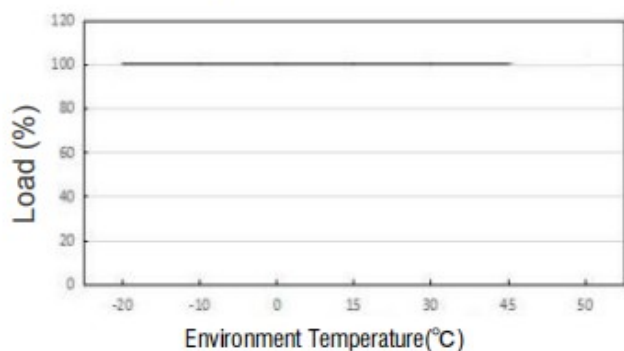
■ Packaging



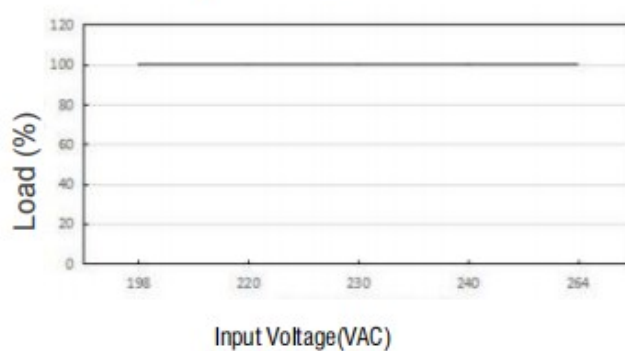
Model No.	Power	Output Voltage	Output Current	Weight	Size(L*W*H) mm	Packing
QXP-LDB-6W0500 QXP-LDB-6W0250	6W	12V 24V	0.5A 0.25A	118g	95*46*15	40*30*20CM,100PCS/CTN
QXP-LDB-15W1250 QXP-LDB-15W0625	15W	12V 24V	1.25A 0.625A	118g	95*46*15	40*30*20CM,100PCS/CTN
QXP-LDB-20W1670 QXP-LDB-20W0830	20w	12V 24V	1.67A 0.83A	122g	125*50*15	40*30*20CM,100PCS/CTN
QXP-LDB-30W2500 QXP-LDB-30W1250	30w	12V 24V	2.5A 1.25A	122g	160*50*16.5	40*30*20CM,100PCS/CTN
QXP-LDB-40W3300 QXP-LDB-40W1670	40w	12V 24V	3.3A 1.67A	122g	160*50*16.5	40*30*20CM,100PCS/CTN
QXP-LDB-50W4170 QXP-LDB-50W2080	50W	12V 24V	4.17A 2.08A	122g	160*50*16.5	40*30*20CM,100PCS/CTN
QXP-LDB-60W5000 QXP-LDB-60W2500	60W	12V 24V	5A 2.5A	211g	180*63.5*22	40*30*20CM,50PCS/CTN
QXP-LDB-80W6670 QXP-LDB-80W3330	80W	12V 24V	6.67A 3.33A	211g	180*63.5*22	40*30*20CM,50PCS/CTN

■ Output load

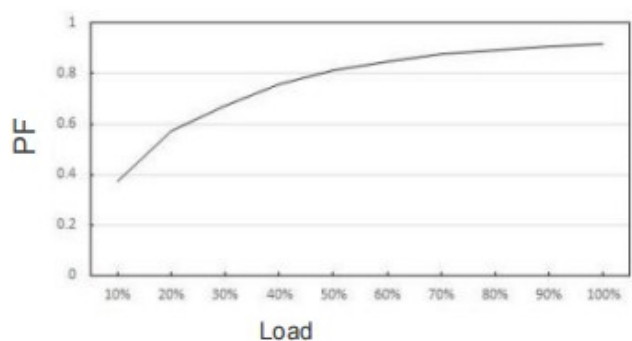
Deduction Curve and Temperature



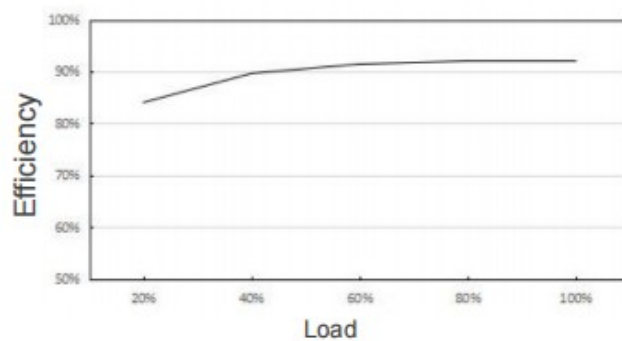
Minus Output and Input Voltage Curves



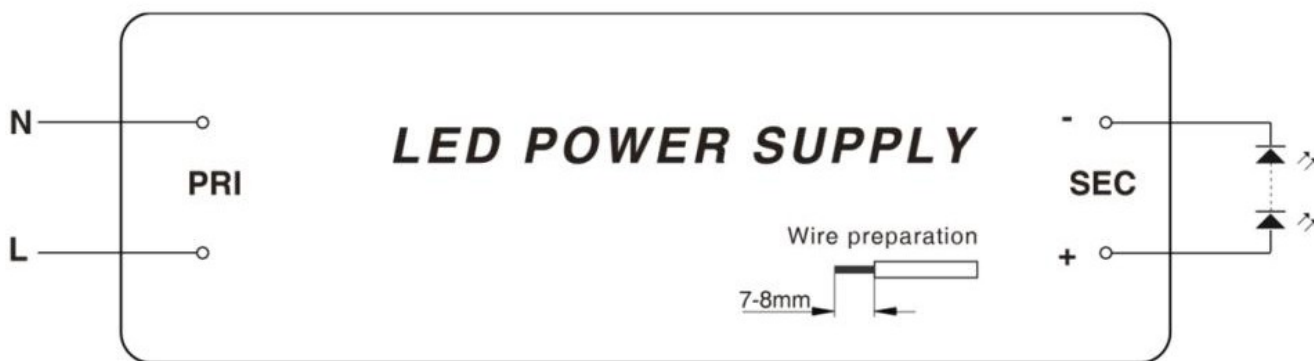
Power Factor (PF) Curves



Efficiency Vs Load



Wiring Diagram



Manufacturer's address:

2-3 F, Building 3, No.3, Yaming Street, Dongkeng Community, Fenghuang Street, Guangming District, Shenzhen, Guangdong 518132

<https://www.qinxpower.com>

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