

120W Quad Output Switching Power Supply



Technical Data

Index Type	Q-120A				Q-120B				Q-120C			
DC Voltage	5V	12V	-5V	-12V	5V	15V	-5V	-15V	5V	12V	24V	-12V
Voltage Adjust Range	+10-5%				+10-5%				+10-5%			
Voltage Tolerance	±2%	±6%	±6%	±6%	±2%	±10.5%	±6%	±10.5%	±2%	±6%	±6%	±6%
Rated Current	11A	4A	1A	1A	10A	3.5A	1A	1A	8A	2A	2A	1A
Current Range	2-12A	0.5-5A	0.2-1A	0.2-1A	2-12A	0.5-5A	0.2-1A	0.2-1A	2-12A	0.2-3A	0.2-2A	0.2-1A
Rated Power	120W				122.5W				124W			
Efficiency	77%				76%				80%			
Ripple&Noise(Max.)	80mvp-p	120mv	80mv	120mv	80mv	150mv	80mv	150mv	80 mv	120 mv	180mv	120 mv
Line Regulation	±0.5%	±1%	±1%	±1%	±0.5%	±1%	±1%	±1%	±0.5%	±1%	±1%	±1%
Load Regulation	±0.5%	±5%	±5%	±5%	±0.5%	±6%	±5%	±6%	±0.5%	±5%	±5%	±5%
Voltage Range	88-132VAC/176-64VAC 47-63Hz 240-370VDC											
Ac Current	2.5A/115V1.25A/230V											
Inrush Current(Max.)	cold start current3.5A											
Leakage Current	<3.5mA/240VAC											
Overload Protection	105%-135% output cutout auto recovery											
Over-voltage Protection	115%-135%											
Over-temperature Protection	--											
Temp.Coefficient	±0.03% / °C(0-50°C)											
Setup.Rise,Hold Time	200ms 50ms 20ms											
Withstand Voltag	I/P-O/P:3KVACI/P-FG:1.5KVACO/P-FG:0.5KVAC											
Isolated Resistor	I/P-O/P:3KVACI/P-FG:1.5KVACO/P-FG:0.5KVAC											
Storage Temp.Humidity	-10°C-60°C,20%-90%RH											
Weight	0.8Kg											
Safety Standards	UL1012 TUVEN60950 US950											
EMC	CLSPR22(EN55022) ,CLASSB BIEC801-2,3,4,IEC555-2											

Note:

- 1.All parameters NOT specially mentioned are measured at 230VAC input ,rated load and 25 of ambient temperature.
- 2.Tolerance:includes set up tolerance,line regulation and load regulation
- 3.Ripple&noise are measured at 20MHZ of bandwidth by using a 12 twisted pair-wire terminated with a 0.1uf&47uf parallel capacitor.
- 4.Line regulation:min&max voltage of the rated load.
- 5.Load regulation:load from 0 to 100%