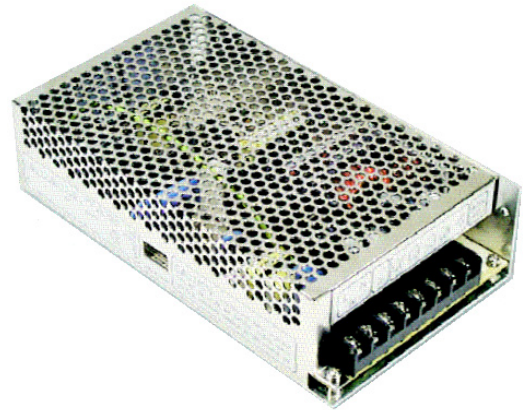


Country of Origin : Taiwan
 Operating Temperature : -10 ~ 60° C
 Dimension : 199 x 110 x 50 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE



Features:

AC input range selectable by switch
 Cooling by free air convection
 Over load, over voltage, short circuit protection
 100% full load burn-in test
 1 year warranty

Specification:

MODEL	Q-120-B				Q-120-C				Q-120-D				
	V1	V2	V3	V4	V1	V2	V3	V4	V1	V2	V3	V4	
OUTPUT	Voltage	5V	12V	-5V	-12V	5V	15V	-5V	-15V	5V	12V	24V	-12V
	min. Load	2A	0.5A	0.2A	0.2A	0.2A	0.5A	0.2A	1A	2A	0.2A	0.2A	0.2A
	max. Load	12A	5A	1A	1A	12A	5A	1A	0.2A	12A	5A	2A	1A
	Tolerance	± 2%	± 6%	± 6%	± 6%	± 2%	+10,-5%	± 6%	+10,-5%	± 2%	± 6%	± 6%	± 6%
	Ripple & Noise (max)	80mV	120mV	80mV	120mV	80mV	150mV	80mV	150mV	80mV	120mV	180mV	120mV
Efficiency (typ)	77%				76%				80%				
Max. Output Power	120W				122W				124W				
Output Voltage adjustment range	CH1: -5% ~ +10% of rated output voltage												
INPUT	Voltage	88 ~ 132VAC / 176 ~ 264VAC Switch selection											
	Frequency	47~ 63 Hz											
	Current	2.8A@115VAC / 1.6A@230VAC											
	Inrush Current	<35A@230VAC, Cold start											
	Leakage Current	<3.5mA@240VAC											
P.F.C.	-												
PROTECTION	Over Load	Over 105 ~ 135% Shutdown / Reset : power on											
	Over Voltage	CH1: 5.75 ~ 6.75V Shutdown / Reset : power on											
	Over Temp.	-											
	Short Circuit	Yes											
OTHERS	Setup time	200ms											
	Rise time	50ms											
	Holdup time	20ms at full load and 230VAC											
	Cooling	free air convection											
	Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, O/P-FG:0.5KVAC / 1 minute											
Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG : 500VDC / 100M Ohm												
Switching Frequency	25KHz (fixed)												
Environment	Temperature	Operating: -10 ~ 60°C / Derating: -10 ~ 0°C: 2%/°C , 50 ~ 60°C: 4%/°C / Storage: -20 ~ 85°C											
	Humidity	Operating: 20 ~ 90% RH / Storage: 10 ~ 95% RH (non condensing)											
Connection	8P/ 9.5mm pitch terminal block												
M.T.B.F.	> 261K hours (according to MIL-HDBK-217F at 25°C environment)												
SAFETY	Approved: UL 1950 / TÜV EN60950												
EMC	EMI	EN55022 CLASS B / EN61000-3-2,3											
	EMS	EN61000-4-2,3,4,5,6,8,11 / ENV50204 / EN55024											
WEIGHT	N.W.: 0.86 kg/pc												