LinkCom Manufacturing Co., Ltd

Model NO.	LCCH-080■120	Model Name	Power Supply
Part NO.	PLCCH0080■120	SIZE	208.4 * 72 * 38.55 mm【8.2 * 2.83 * 1.52 inch】



FEATURES

- ◆ AC Input 90~305Vac
- ◆ Protection: SCP / OTP / OVP
- ◆ High Operating ambient Temp: -30℃~+60℃ (Refer to output dreating curve)
- ◆ Power Factor:>0.98@115Vac;>0.95@230Vac;@full load
- ◆ Safety: UL / PSE
- ◆ EMC: Meet CE
- ◆ Comply with Indoor/Outdoor Waterproof (IP 67)
- ◆ Dimension (L*W*H): 208.4 * 72 * 38.55 mm
- ◆ Dimension (L*W*H): 8.2 * 2.83 * 1.52 inch
- ◆ ROHS Compliant

Module : LCCH-080■120

***,# =SEE NOTES BELOW**

*(9)	MODEL / SPECIFICATION	LCCH-080■120		
		Min	Nom	Max
	DC OUTPUT VOLTAGE (V)	8		12
*	PRESET ACCURACY (%) *(8)		1	
*	OUTPUT CURRENT(A) *(5)			6.7
*	O/P NOISE (P-P, mV) *(3)			500
*	LINE REGULATION (%) *(7)		1	
*	LOAD REGULATION (%) *(6)		1	
	DC OUTPUT POWER	80 W		
	EFFICIENCY(typ @Full Load)	85%		
	SETUP,RISE TIME(typ.)	3S,1S at full load 115VAC/230VAC		
	HOLD UP TIME	25ms at full load 115VAC/230VAC		
	INPUT VOLTAGE RANGE	90-305VAC, 127-431VDC, Normal：100-277VAC		
	INPUT FREQUENCY	Range:47-63Hz, Nominal：50-60Hz		
	ACTIVE POWER FACTOR	PF>0.95 @230VAC, PF>0.98@115VAC at full load and rated output voltage		
	INRUSH CURRENT (typ)	COLD START 65A @ 230VAC		
	AC CURRENT	1.5A/115VAC 0.56A/230VAC		
	LEAKAGE CURRENT	<0.7mA/277VAC		
	SHORT CIRCUIT PROTECTION	short circuit protection will restart automatically after the fault condition is removed		
	OVER TEMP. PROTECTION	shut down and latch off o/p voltage , re-power on to recover		
	OVER V, PROTECTION			
*	OPERATING TEMP.*(4)	-30 to +60℃@full load(Refer to output derating curve)		
	STORAGE TEMPERATURE	-40 to +80℃		
	RELATIVE HUMIDITY	0 to +95%, non-cond.		
	TEMP. COEFFICIENT	0.03% / ℃ (0-50℃, typ)		
	SAFETY	UL60950-1 / PSE		
	EMI	Meet CE EN55015		
	WITHSTAND VOLTAGE	I/P-O/P：3.75KVAC, O/P-Grnd：0.5KVAC, I/P-Grnd：1.88KVAC		
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG,O/P-FG :100M Ohms / 500VDC / 25℃ / 70% RH		
	DIMENSIONS(L*W*H)	208.4 * 72 * 38.5 mm【8.2 * 2.83 * 1.52 inch】		

NOTES：(1)All parameters not specially mentioned are measured 230VAC input.

(2)All specifications Typical @25℃, unless otherwise noted, at nominal line and load.

(3)Ripple and Noise measured directly at pins/terminals at nom. load, 0.1uF bypass and 47uF electrolytic, pk-pk @20MHz bandwidth

(4)Specified for free-air convection cooling.

(5)Minimum load is NOT required for proper operation .

(6)Load regulation measured from 20% to Full load.

(7)Line regulation measured from 100VAC to 277VAC.

(8)Preset accuracy measured at nominal load, 120VAC input.

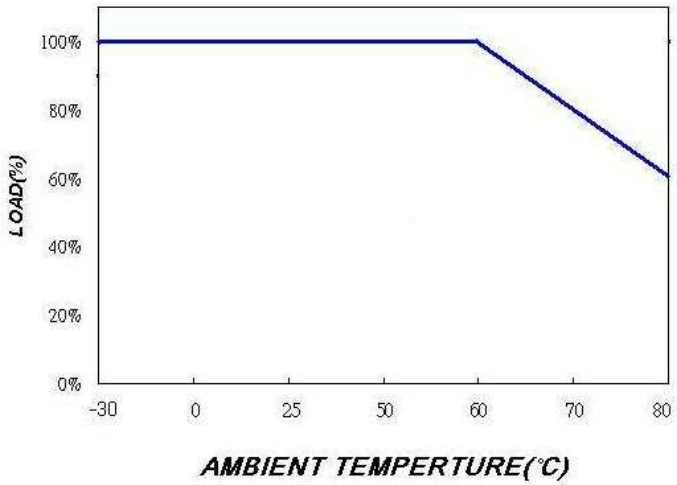
(9)100% Production Tested.

※Reference

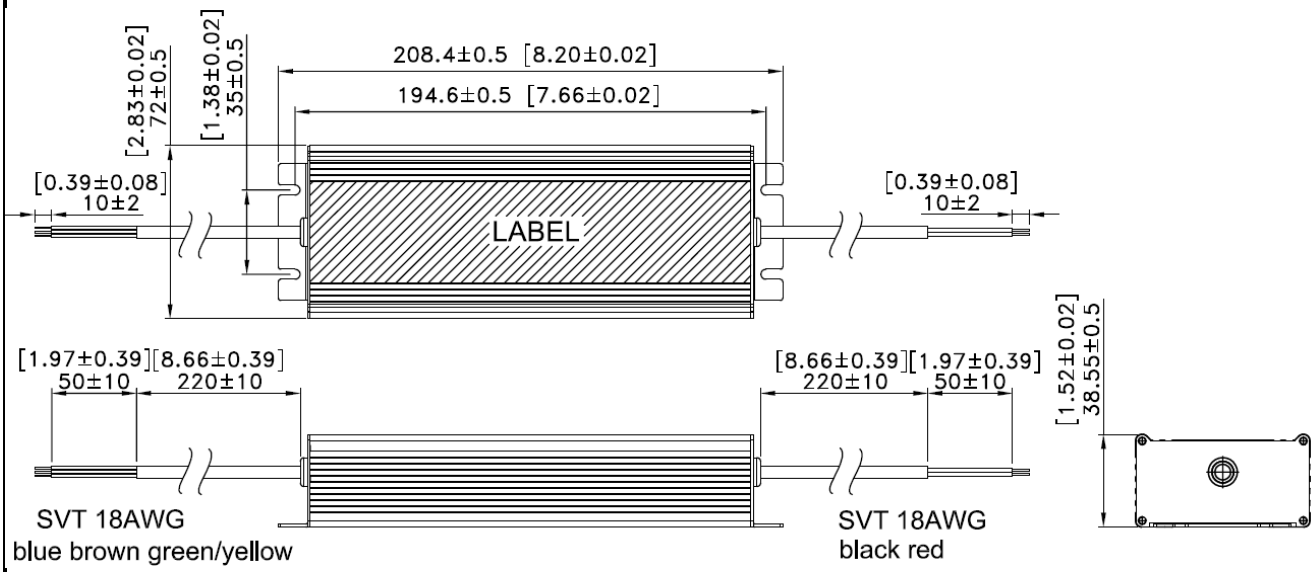
LinkCom Manufacturing Co., Ltd

Model NO.	LCCH-080■120	Model Name	Power Supply
Part NO.	PLCCH0080■120	SIZE	208.4 * 72 * 38.55 mm【8.2 * 2.83 * 1.52 inch】

DERATE



Dimensions



Unit :mm【inch】

※Reference