

PLI-12DC-16.7A



Features:

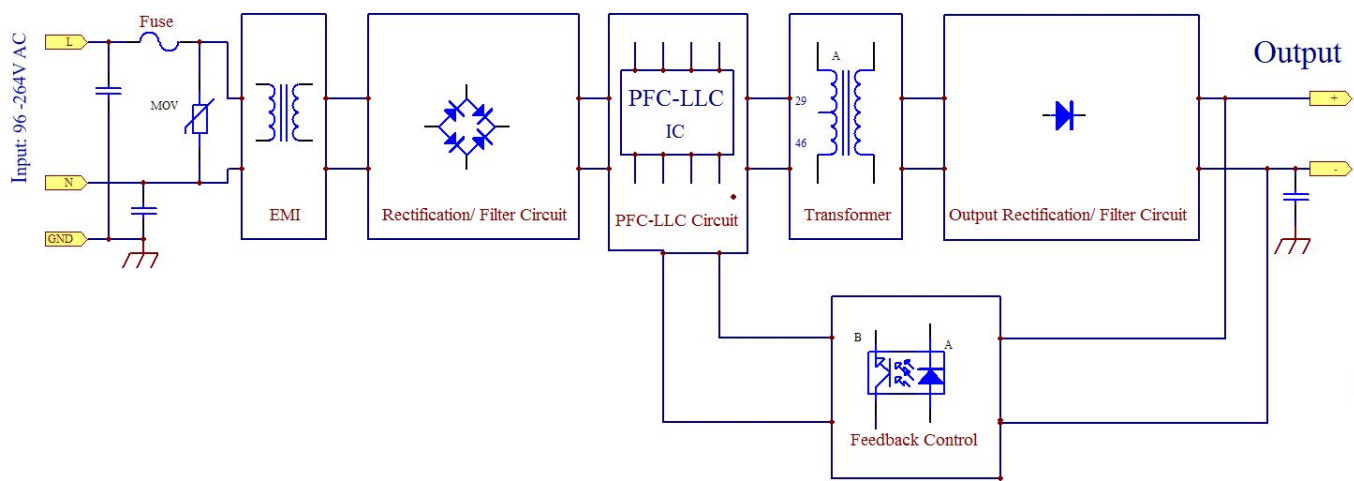
1. Universal AC input range: 96-264VAC
2. With PFC function, $PFC \geq 0.95$
3. Protections: Short circuit /Overload /Over voltage/Over current/Overheat
4. Cooling by free air convection
5. LED indicator for power on, 100% full load burn-in test
6. All using 105 °C long life electrolytic capacitors
7. All using world famous brand new components
8. High efficiency, long service life, high reliability
9. Operating temperature: -30°C~70°C (40°C 100% full load burn-in test, 70°C 70% full load burn-in test)
10. Warranty period: 2 year

1. Specification:

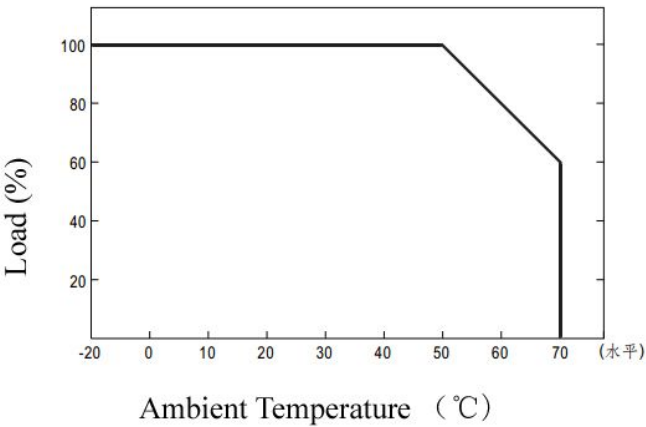
MODELS		PLI-12DC-16.7A
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	16.7A
	CURRENT RANGE	0-16.7A
	RATED POWER	200W
	VOLTAGE ADJ. RANGE	11-13.5
	VOLTAGE ADJ. RANGE	$\pm 1\%$
	LINE REGULATION	$\pm 1\%$
	LOAD REGULATION	$\pm 1\%$
	RIPPLE & NOISE	$\leq 120\text{mVp-p}$
	SET-UP&HOLD UP TIME	$T_{on} \leq 1\text{S}, T_d \geq 20\text{mS}@230\text{V}$
INPUT	VOLTAGE RANGE	96-264V
	AC CURRENT (Typ.)	$< 3.5\text{A}$
	FREQUENCY RANGE	47----63Hz
	EFFICIENCY (Typ.)	$\geq 82\%$
	LEAKAGE CURRENT	$< 2\text{mA}$
	SURGE PROTECTION	30A/240V

PROTECTION	OVERLOAD	120---150%
	OVER VOLTAGE	105-150%(rated output power)
	SHORTED CIRCUIT	Cut off output voltage, recover automatically when faults removed
ENVIRONMENT	OPERATING TEMP.	-20-----70℃ (Refer to "Derating Curve")
	OPEREATION HUM.	20%---90% RH non-condensing
	STORAGE TEMP.&HUM.	-20-----85℃ 20%---95% RH
SAFETY & EMC	SAFETY STANDARDS	IEC/EN/UL/CSA 60950 GB4943
	WITHSTAND VOLTAGE	I/P-O/P:1.5KV, I/P-FG:1.5KV, O/P-FG0.5KVAC 30S
	EMC Immunity & Emission	EN61000-4-2,3,4,5,6,8,11; EN61000-3-2,3; EN55022 CLASS B
OTHERS	DIMENSION (L*W*H mm)	198*100*50mm
	PACKAGING	
NOTE		

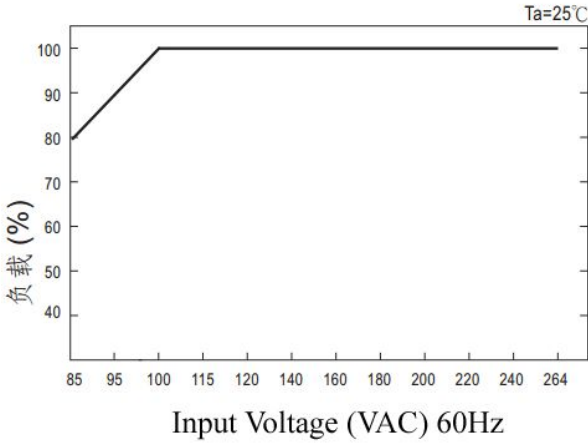
1. Block Diagram:



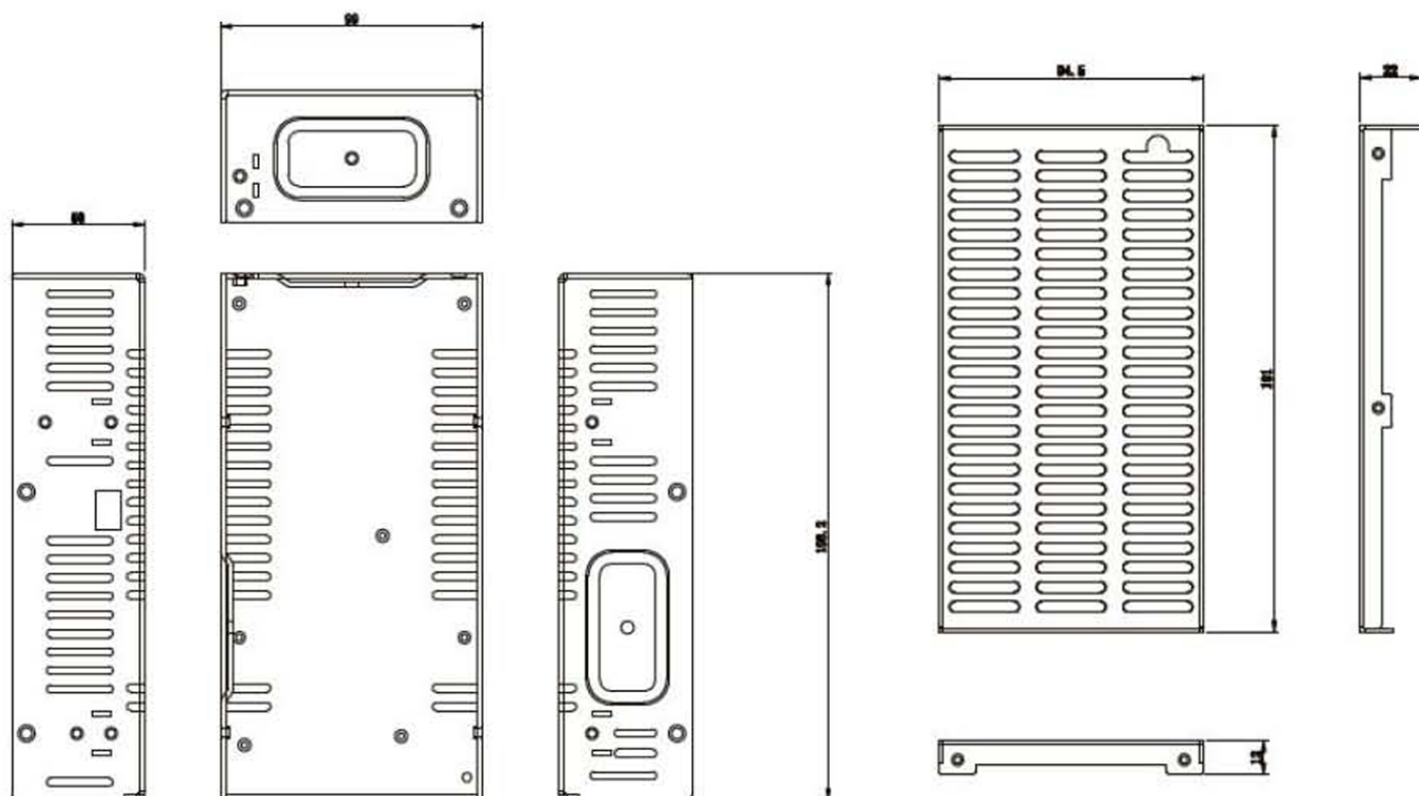
3. Curves: Derating Curve



Static Characteristics



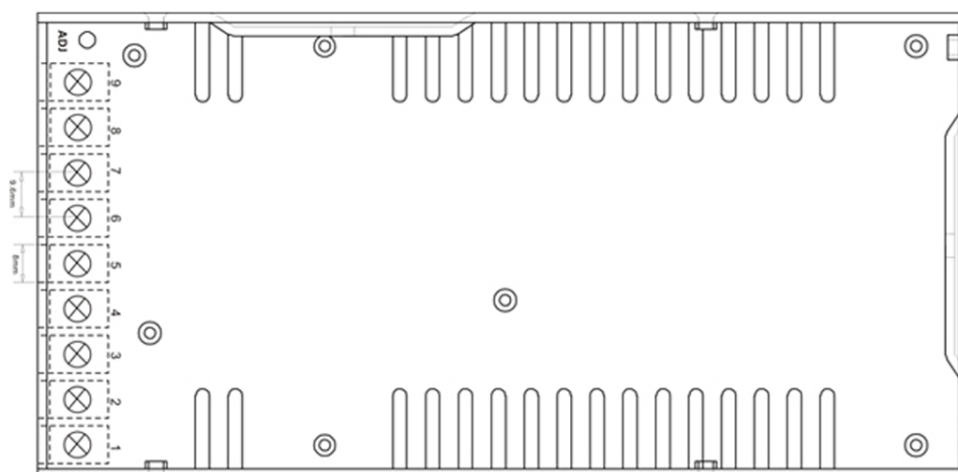
4. Product Size:



Under Cover

Upper Cover

5. Mechanical Specification:



Terminal Pin No.Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4.5.6	DC Output -V
2	AC/N	7.8.9	DC Output +V
3	G/COM		