

25 watts / 3" ´ 2.60" ´ 0.45" Package

YCL

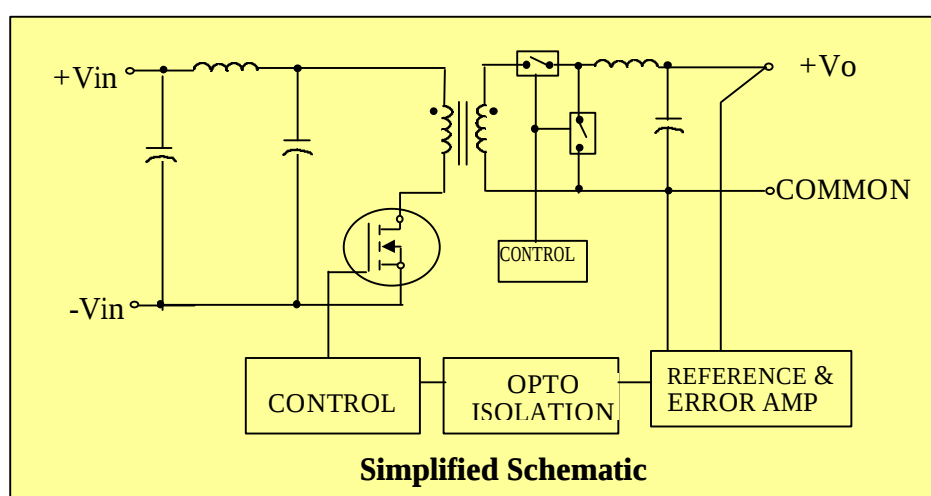
LP 3.3V output series

Feature:

- Low Cost
- 2:1 input range
- High efficiency
- Industry-standard package and pinout
- 500Vdc Input/Output Isolation
- On/Off control and Vout trim
- 3.3V low voltage output

Specifications: At 25°C

Input Specifications:	General Specifications:
Input Voltage Range: See Table	Isolation Voltage: 500Vdc
Input Filter: Pi-type	Efficiency: see table
On/Off Control: TTL high(or open)=on TTL low=off	Switching Frequency: 100KHz typical
	Isolation Resistance: 1000M ohm
Output Specifications:	Environmental Specifications:
Output Voltage & Current: see table	Operating Temperature: -25 to + 71°C
Voltage Accuracy: $\pm 2\%$ max	Storage Temperature: -40 to +105°C
Line Regulation(at full load): $\pm 1\%$ max	Cooling: Free air convection
Load Regulation: (at full load to 1/4 load): $\pm 1\%$ max	Derating: See Derating Curve
	Humidity Non-Condensing: 20 to 95% RH
	Physical Specifications:
Temperature Coefficient: $\pm 0.05\%/^{\circ}\text{C}$ max	Case Material: Black coated copper with non-conductive plastic base
Ripple & Noise(20Mhz BW): 50mV p-p max	Pin Material: Brass, solder coated
Short Circuit Protection: Power fold back	Weight: 156grams typical
Over load protection: Build-in	



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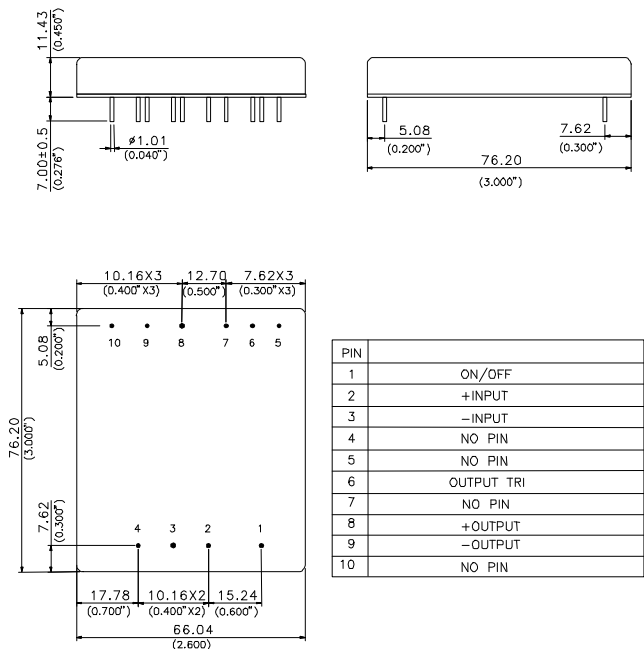
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Model Selection Table:

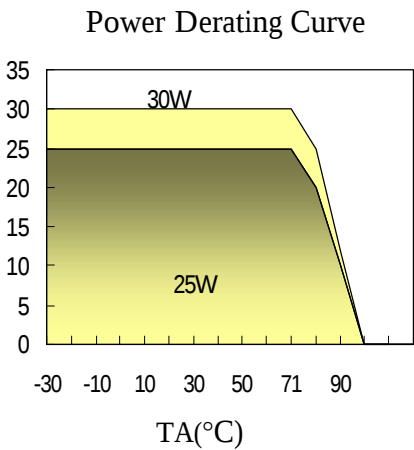
Model no.	Input			Output		Efficienc Typical① %	Package	External Fuse② (A)
	Voltage (Vdc)	Current(mA)		Voltage (Vdc)	Current (mA)			
		No-Load	Full-Load					
LP801-12S03	9-18	28	2750	3.3	8000	80	LP	5
LP801-24S03	18-36	25	1340	3.3	8000	82	LP	3
LP801-48S03	36-72	22	655	3.3	8000	84	LP	1.5

- ①Efficiency is specified at nominal input voltage and full load.
 ②Certain applications may require the installation of external fuse in front of the input.

Package LP:



Po(W)



Unit: mm(inch)±0.25(0.010)