



典型性能 Features

- ◆ 宽电压输入 (Wide Range Input)
- ◆ 高隔离电压 (High Voltage Isolation)
- ◆ 带有遥控和输出调节功能 (Control And Trim Functions)
- ◆ 高效率 (High Efficiency)

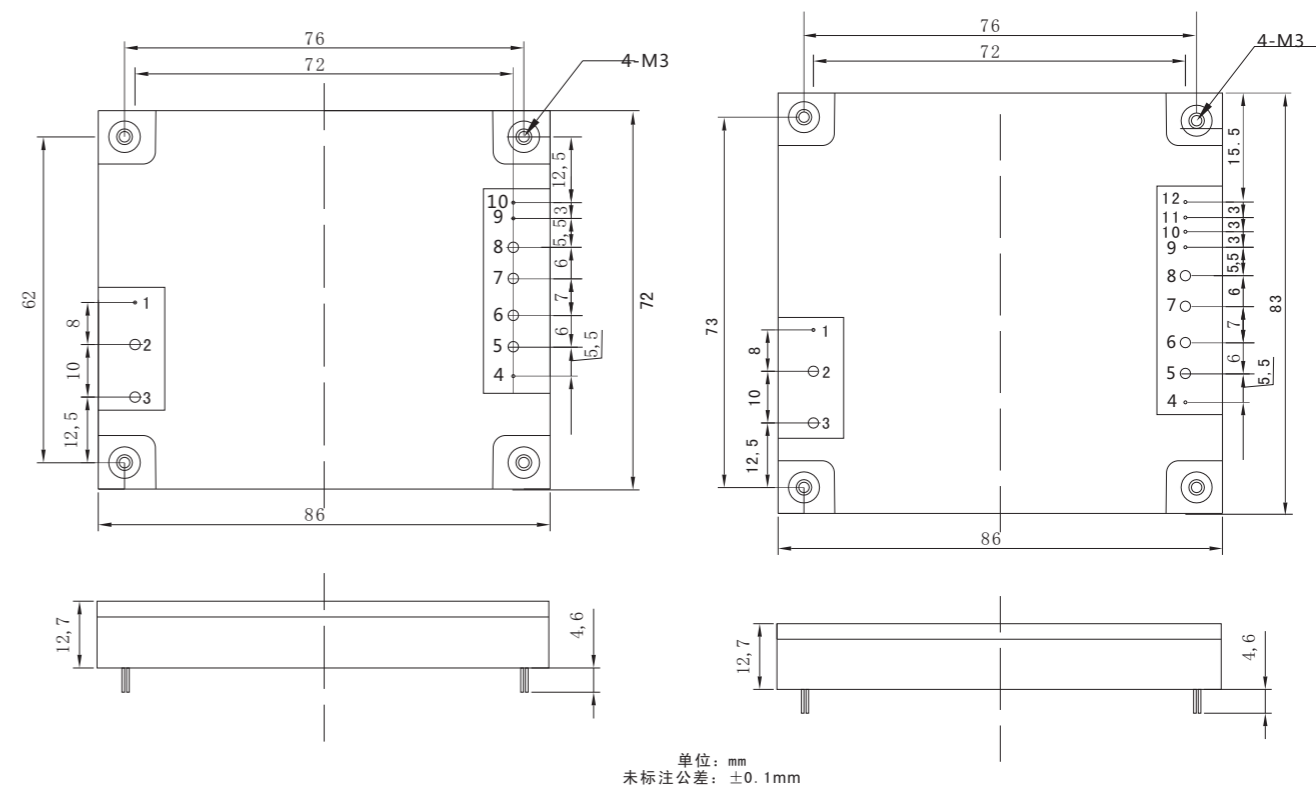
电气特性

输入特性 Input	Min	Type	Max	Notes
输入电压 Vac Input Voltage	66 200	110 280	160 400	
遥控 (正逻辑) Control (Positive Logic)		On		CNT Pin left open or connect to +Vin
		Off		CNT Pin connect to -Vin
遥控 (负逻辑, 尾缀/P) Control (Negative Logic, Tip/P)		On		CNT Pin connect to -Vin
		Off		CNT Pin left open or connect to +Vin
输出特性 Output	Min	Type	Max	Notes
输出电压精度 Setpoint Accuracy			±1%	
电压调节 Trim Range			±10%	
源效应 Line Regulation			±0.4%	
负载效应 Load Regulation			±0.8%	
动态响应 Dynamic Response			4%Vo Pk deviation 400µS settling time	50~75% load 50~25% load
过流保护 Current Limit			150%	
纹波与噪声 Ripple and Noise			280mVp-p	Measured with 10uF tantalum and 0.1uF ceramic, 20M bandwidth
温度系数 Temperature Regulation			±0.2%/°C	
综合特性 General	Min	Type	Max	Notes
隔离电压 Isolation Voltage			1500Vac 1000Vac 500Vac	Input-Output Input-Case Output-Case
开关频率 Switching Frequency			300KHz	
效率 Efficiency			90%	5V
平均故障间隔时间 MTBF			2×10 ⁶ Hrs	Mil HDBK 217F Tc=25°C
工作壳温范围 Case Temperature Range	工业级		-25°C	+85°C
	军用级AB		-40°C	+90°C
	军用级CD		-55°C	+100°C

储存温度 Storage Temperature	-55°C		+125°C	
相对湿度 Relative Humidity	10%		90%	
短路保护 Short-Circuit Protection	长期短路自恢复 Continuous Automatic Recovery			

型号 Model	输入电压 (Vdc) Input Voltage	输出电压 (Vdc) Output Voltage	输出电流 (A) Output Current	效率 Efficiency
WPH150-110S05	66~160	5	30	84%
WPH150-110S12	66~160	12	12.5	86%
WPH150-110S15	66~160	15	10	86%
WPH150-110S24	66~160	24	6.3	87%
WPH150-110S48	66~160	48	3.15	87%
WPH150-280S24	200~400	24	6.3	87%
WPH150-280S28	200~400	28	5.4	87%
WPH150-280S48	200~400	48	3.15	88%
WPH300-110S24	66~160	24	12.5	87%
WPH300-110S48	66~160	48	6.3	87%
WPH300-280S24	200~400	24	12.5	87%
WPH300-280S28	200~400	28	10.8	87%
WPH300-280S48	200~400	48	6.3	88%

机械图及管脚说明 (Mechanical Chart, Pins) (Unit : mm / inch)



管脚定义	1	2	3	4	5	6	7	8	9	10	11	12
YPD300 符号	CNT	-Vin	+Vin	+S	+Vo	+Vo	-Vo	-Vo	-S	TRIM	CS	IOG
YPD150 符号	CNT	-Vin	+Vin	+S	+Vo	+Vo	-Vo	-Vo	-S	TRIM	-	-