

1.2.6	Startup time	$\leq 2.0s @ 100V_{ac}$ input, $25^{\circ}C$;
1.2.7	Output overshoot during turn-on & turn-off	5%
1.2.8	Output voltage rise time	$5 < Tr \leq 100ms$

No.	Electrical characteristics	MP300S
1.2.9	Standby output voltage	5V
1.2.10	Output current	2A
1.2.11	Voltage regulation	line regulation: $\pm 0.5\%$; load regulation $\pm 2\%$; voltage regulation accuracy $\pm 5\%$
1.2.12	Output ripple & noise.	2%

1.3 Protection

No.	Protection item	MP300S		
		Main output	5 Vsb	
1.3.1	Over current protection	120%~160%	120%~200%	
		hiccup, auto recovery	hiccup, auto recovery	
1.3.2	Short circuit protection	hiccup, auto recovery	hiccup, auto recovery	
1.3.3	Output voltage protection	110%~150%	/	
		latch off	/	
1.3.4	Input brown in/out	brown in	brown out	minimum hysteresis
		$\leq 85V_{ac}$	$\geq 60V_{ac}$	5V _{ac}
1.3.5	Over temperature protection	auto recovery		

1.4 Signals