1. Electrical specification:

1.1 Input electrical characteristics

No.	Electrical characteristics	MP300S
1.1.1	Input voltage rang	85Vac to 264Vac
1.1.2	Normal voltage	100～240Vac
1.1.3	Frequency range	47Hz--63Hz
1.1.4	Max input ac current(100Vac)	3.5A
1.1.5	Efficiency(115/230Vac, full load) Typ	91.5%/94%
1.1.6	Power factor(100Vac~240Vac, full load)	0.95
1.1.7	Inrush current(240Vac)	50A
1.1.8	Power saving	0.6W/230Vac(Remote off and no load on 5Vsb)
1.1.9	Hold up time	>20ms 300W load
1.1.10	Earth leakage current (NC/SFC)	0.15mA/0.3mA
	Touch current(NC/SFC)	0.1mA/0.2mA
1.1.11	Rated output power	300W@cool convection
1.1.12	Input fuse	T5A/250Vac

1.2 Output electrical characteristics

No.	Electrical characteristics	MP300S						
1.2.1	Main output voltage	12V	15V	19V	24V	28V	36V	48V
1.2.2	Output current	25.0A	20.0A	15.8A	12.5A	10.8A	8.33A	6.25A
1.2.3	Voltage regulation	line regulation: ±0.5%; load regulation ±2%; voltage regulation accuracy±2%						
1.2.4	Output ripple &noise.	12V-15V: 200mV, 19V - 28V: 280mV, 32V - 48V: 480mV						
1.2.5	Output transient response.	±5% of output voltage；step load： 5%-50% or 50-100%， slew rate 1A/us						