

### Description:

Input 230V AC, Output 1–30V, 30A Power Supply

Frequency: 50Hz

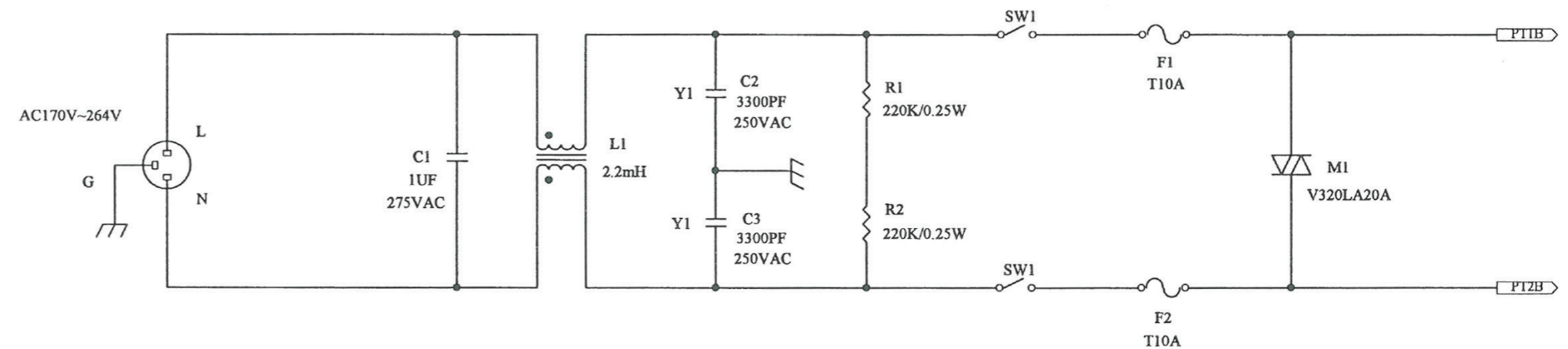
Environment temperature: 25°C

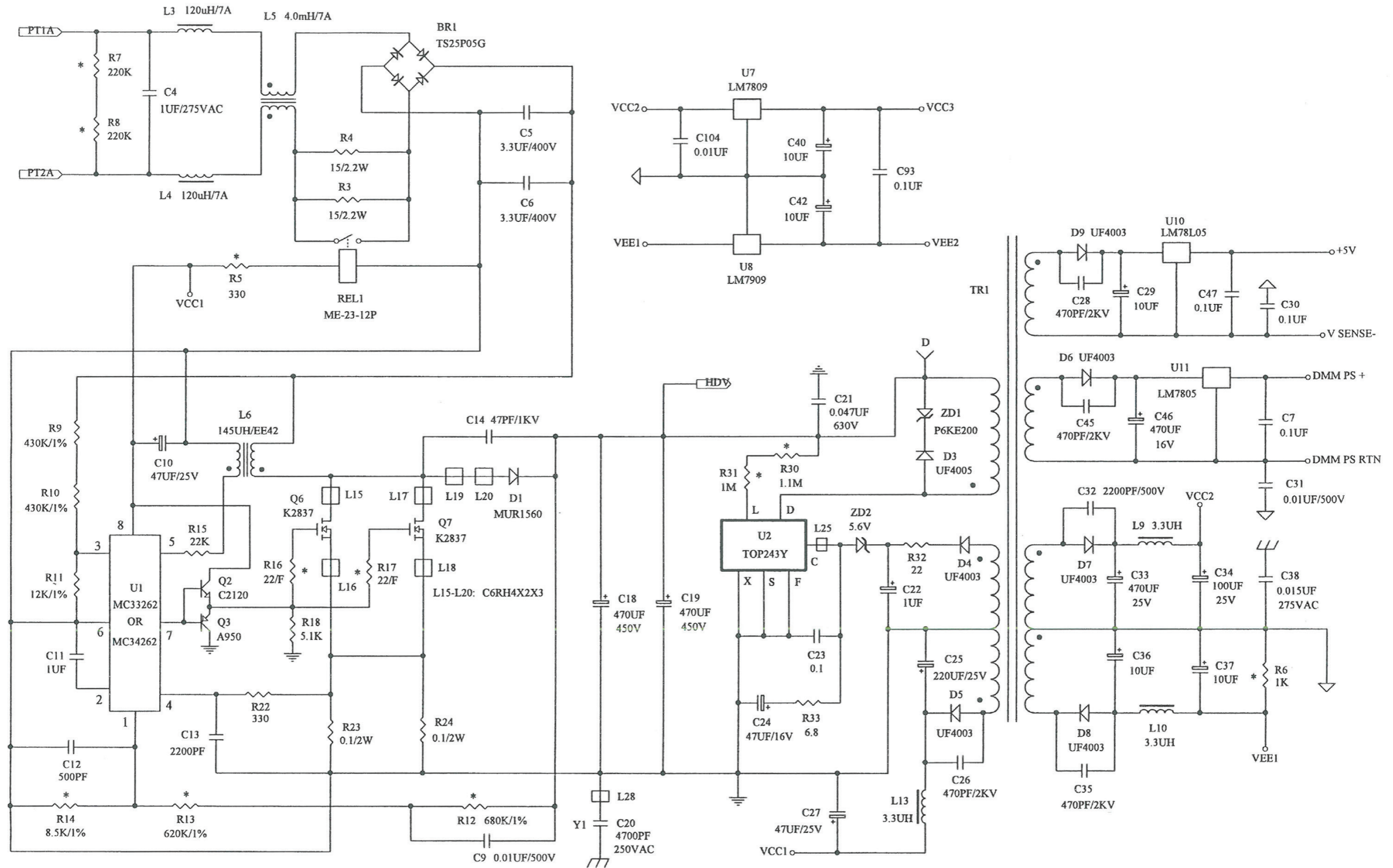
	Minimum	Typical	Maximum	Unit
Input voltage range	170		264	V AC
Rated output voltage range	1		30	V
Maximum output voltage	30.1		33	V
Minimum output voltage	0.6		1.0	V
Rated output current range		30		A
Maximum output current	33		35	A
Over voltage protection	34		37	V
Load voltage regulation (0-100%) (sense)			0.1%+5	mV
Load voltage regulation (0-100%) (no sense)			0.1%+5	mV
Line voltage regulation (170-264V)			0.05%+3	mV
Ripple and noise (peak-peak)			40	mV
No load input current			0.35	A AC
Full load input current			4.6	A AC
Power Consumption at 30V 30A			1017	W
Efficiency (output 30V 30A)	88.5			%
Power factor	97			%
Insulation resistance (500V DC) input V.S output V.S housing	100			MΩ
High pot test (15mA 3S) input V.S output	3000			V AC
High pot test (10mA 3S) input V.S housing	1500			V AC
Meter accuracy:				
Voltmeter			± 1%+1	Digit
Ammeter			± 1%+1	Digit



### Remarks:

- High frequency interference test (sampling 3%)  
Test frequency: 1. 437MHz (5W), 2. 144MHz (5W)
- No function has been affected. Output voltage ≤ + 0.5V variation
- Input rush current =  $264 \times 1.414 / (R2 // R3)$





NOTE: 1: ALL RESISTORS ARE 1/8W AND ALL ELECTROLYTIC CAPACITORS AND NP CAPACITORS ARE 50V UNLESS OTHERWISE SPECIFIED

2: \* — 1/4W RESISTORS

