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၀ _____ 2025-06-25

~ _____ :MPL6045U-JPT

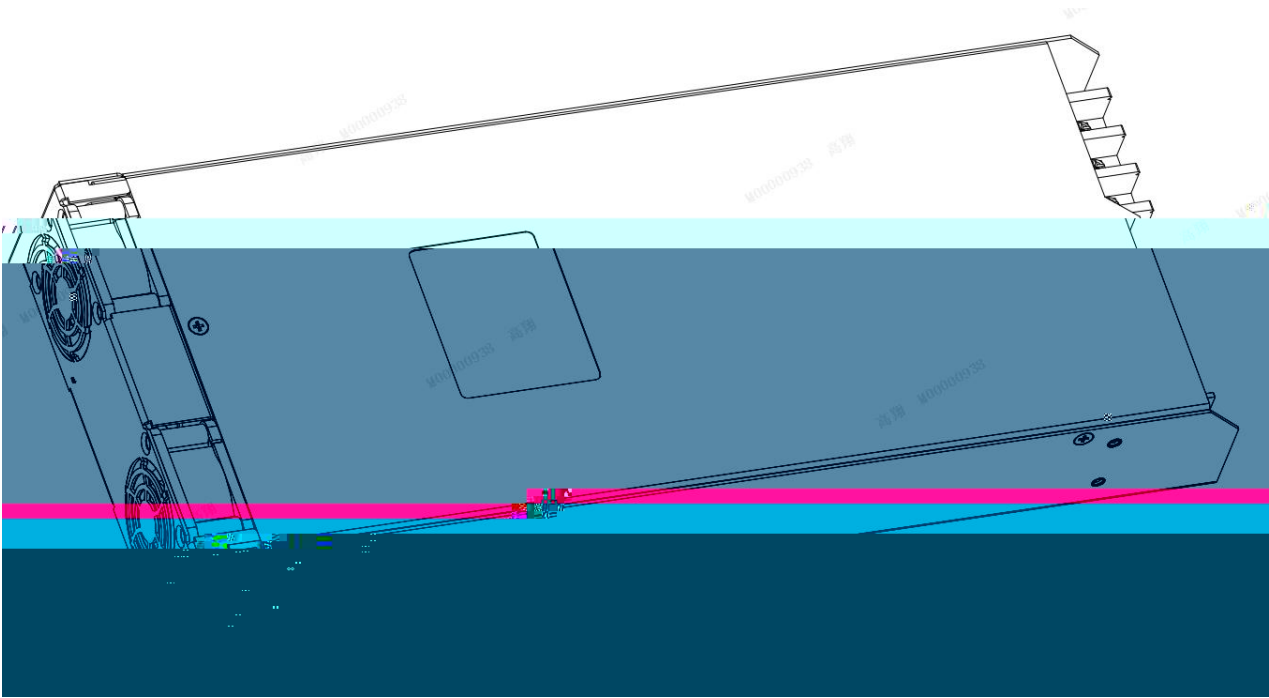
Description: POWER SUPPLY & LD DRIVER SPECIFICATION

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1 AC/DC W 2 3 4 5 6 7 8

- 1 : -15 to +45
- 2 : -40 to +85
- 3 : $\leq 95\%$
- 4 ≤ 3000
- 5 ≤ 3000
- 6 1 2 70~106KPa
- 7
- 8

1	1	Vac	180	220	280	
2		Hz	45	50	65	
3		A			24	
4	$\Omega \parallel \bar{D}_p$	A			60	264V
5	PF			0.95		
6	I THD	%				

7		S			5	-25	2
	25		40s	5		AC/DC	EMI
us	Δp						

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⌘	⌘		⌘				
⌘	1	⌘ 1~	V _{dc}	55	60	65	RTW1 ⌘ 1
	2	⌘ 1 1	V _{dc}	59	59.5	60	
	2	⌘	A	0		45	
	3	1				±2	
	4					±2	
	5					±1	
	6		m V			600	
	7		Vo			±5%	25% 50% 25% 50%
			uS			500	75% 50% 1A/ μ S
	8		Vo			±5%	
	9	⌘ 1	mS			500	1 10% γ ∫ 90%
	10		/			±0.02	
	11		uF			3000	U 100 , 500ms/ 500ms.
48V	1	⌘ 1	V _{dc}	46.5	48	49.5	
	2	⌘	A	0.1		10	
	3	1				±2	
	4					±3	
	5					±1	
	6		m V			480	
	7		Vo			± 5%	25% 50% 25% 50%
			uS			500	75% 50% 1A/ μ S
	8		Vo			± 5%	
	9	⌘ 1	mS			500 ms	1 10% γ ∫ 90%
	10		/			±0.02	
	11		uF			3000	

							U_{100} , 500ms/ 500ms.
24V	1	ꝑ ꝑ	V_{dc}	23	24	25	
	2	ꝑ	A	0.1		5	
	3	ꝑ				± 2	
	4					± 3	
	5					± 1	
	6		mV			300	
	7	ꝑ ꝑ	V_o			$\pm 5\%$	25% 50% 25% 50% 75% 50% ꝑꝑ 1A/ μS , 50Hz~ 100Hz
			μS			500	
	8	ꝑ ꝑ	V_o			$\pm 5\%$	
	9	ꝑ ꝑ	mS			500 ms	ꝑ ꝑ 10% ꝑ ꝑ 90%
	10		/			± 0.02	
	11		μF			2000	U_{100} , 500ms/ 500ms.
$\pm 15V$	1	ꝑ ꝑ	V_{dc}	13	15	17	
	2	ꝑ	A	0.1		1.5	
	3	ꝑ				± 10	
	4					± 10	
	5					± 5	
	6		mV			300	
	7	ꝑ ꝑ	V_o			$\pm 5\%$	25% 50% 25% 50% 75% 50% ꝑꝑ 1A/ μS , 50Hz~ 100Hz
			μS			500	
	8	ꝑ ꝑ	V_o			$\pm 5\%$	
	9	ꝑ ꝑ	mS			500 ms	ꝑ ꝑ 10% ꝑ ꝑ 90%
	10		/			± 0.02	
	11		μF			470	U_{100} , 500ms/ 500ms.

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ꝑ ꝑ 0.1 μF
20MHz

ꝑ 10 μF /200V

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EMC

		%
(CE)	CLASS A	EN55022
(RE)	CLASS A	
	± 6KV ± 8KV Class B IEC61000-4-2;	
	± 8KV ± 10KV Class B IEC61000-4-2;	
CS)	IEC61000-4-6 LEVEL3 Class A	
(RS)	IEC61000-4-3 LEVEL3 Class A	
(EFT)	IEC61000-4-4 LEVEL4 Class A	
	IEC61000-4-5 LEVEL4 Class A 2KV, 4KV	
1	IEC61000-4-11 70%U 100ms, 0%U 10ms, 0 ° Class B	

0-12

0-12 3

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× × 325*130*41mm (α)

2.1 1 o

o O	o			
	(BHP5-03-11.0-01)	1	L	AC
		2	N	AC
		3	PE	

2.2 1 o

o O	o				
1	L (AT448080-1)		Vout1-	1	1
			Vout1+	1	

2.3 1 o

2.4 ρ L $\ddot{r}$ o

Pin	Symbol	Function	Level	Voltage
1	GND	ON/OFF	24/48V	
2	AC_OK	OK, SW	≤ 0.5V	4.5V 5.25V.
3	DC_OK	OK, SW	≤ 0.5V	4.5V 5.25V.
4	GND	ON/OFF	24/48V	
5	ON/OFF	SW	≤ 0.7V	
6	PE_OK	PE OK, PE	≤ 0.5V	4.5V 5.25V.
7	GND	ON/OFF	24/48V	
8	NC			

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	(BHP5-03-11.0-01)	Technical drawing of the BHP5-03-11.0-01 component. It shows a top view with dimensions: 9.70, 9.80, 10.00, 10.50, 16.50, and 9.20. A label 'L-FWHV200' is present. A side view shows a dimension of 1.00. The drawing includes a logo for 'ML' and '300 V 30'.
℥	L (AT448080-1)	Technical drawing of the L (AT448080-1) component. It shows a top view with dimensions: 9.7, 7.0, 8.0, 8.0, and 8.0. A side view shows dimensions: 1.0, 7.5, and 1.0. The drawing includes a label 'L-FWHV200'.
1 ℥	CJT C3030WR-2*7P	Photograph of the CJT C3030WR-2*7P component, showing its physical appearance and mounting holes.
ρ L	A2008WR-S1-F-2x4P	Photograph of the A2008WR-S1-F-2x4P component, showing its physical appearance and mounting holes.

