

TEST DATA OF MUS61205

Regulated DC Power Supply
May.7. 2025

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COSEL CO.,LTD.

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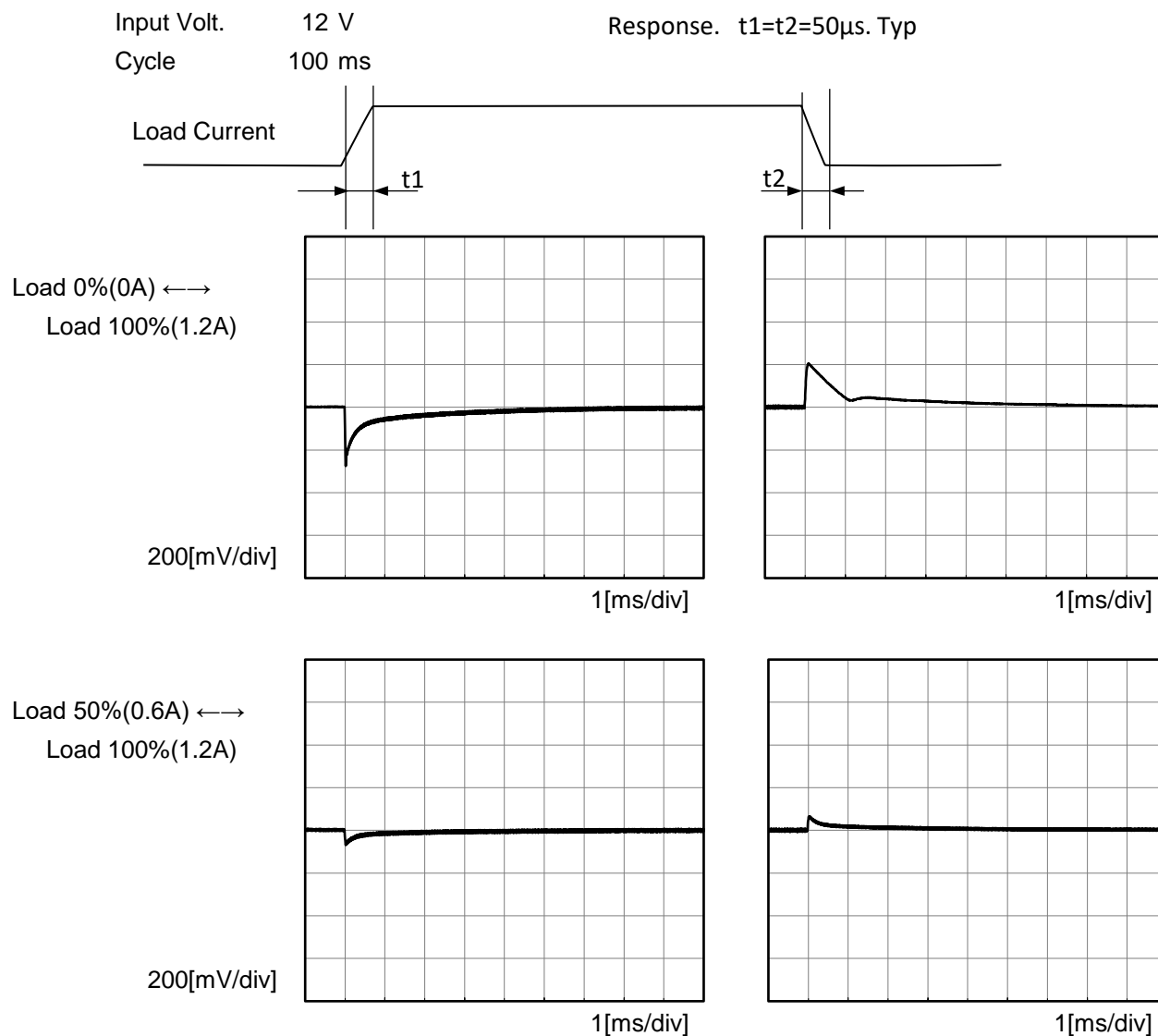
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Model		MUS61205	Temperature 25°C Testing Circuitry Figure A																																																				
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			<table><tr><th rowspan="2">Load Current [A]</th><th colspan="3">Efficiency [%]</th></tr><tr><th>Input Volt. 9[V]</th><th>Input Volt. 12[V]</th><th>Input Volt. 18[V]</th></tr><tr><td>0.00</td><td>-</td><td>-</td><td>-</td></tr><tr><td>0.24</td><td>78.5</td><td>76.1</td><td>74.2</td></tr><tr><td>0.48</td><td>83.6</td><td>82.9</td><td>80.8</td></tr><tr><td>0.72</td><td>85.0</td><td>84.9</td><td>83.1</td></tr><tr><td>0.96</td><td>85.5</td><td>85.9</td><td>85.2</td></tr><tr><td>1.20</td><td>85.2</td><td>85.8</td><td>85.6</td></tr><tr><td>1.32</td><td>85.0</td><td>85.9</td><td>85.7</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr></table>		Load Current [A]	Efficiency [%]			Input Volt. 9[V]	Input Volt. 12[V]	Input Volt. 18[V]	0.00	-	-	-	0.24	78.5	76.1	74.2	0.48	83.6	82.9	80.8	0.72	85.0	84.9	83.1	0.96	85.5	85.9	85.2	1.20	85.2	85.8	85.6	1.32	85.0	85.9	85.7	--	-	-	-	--	-	-	-	--	-	-	-	--	-	-	-
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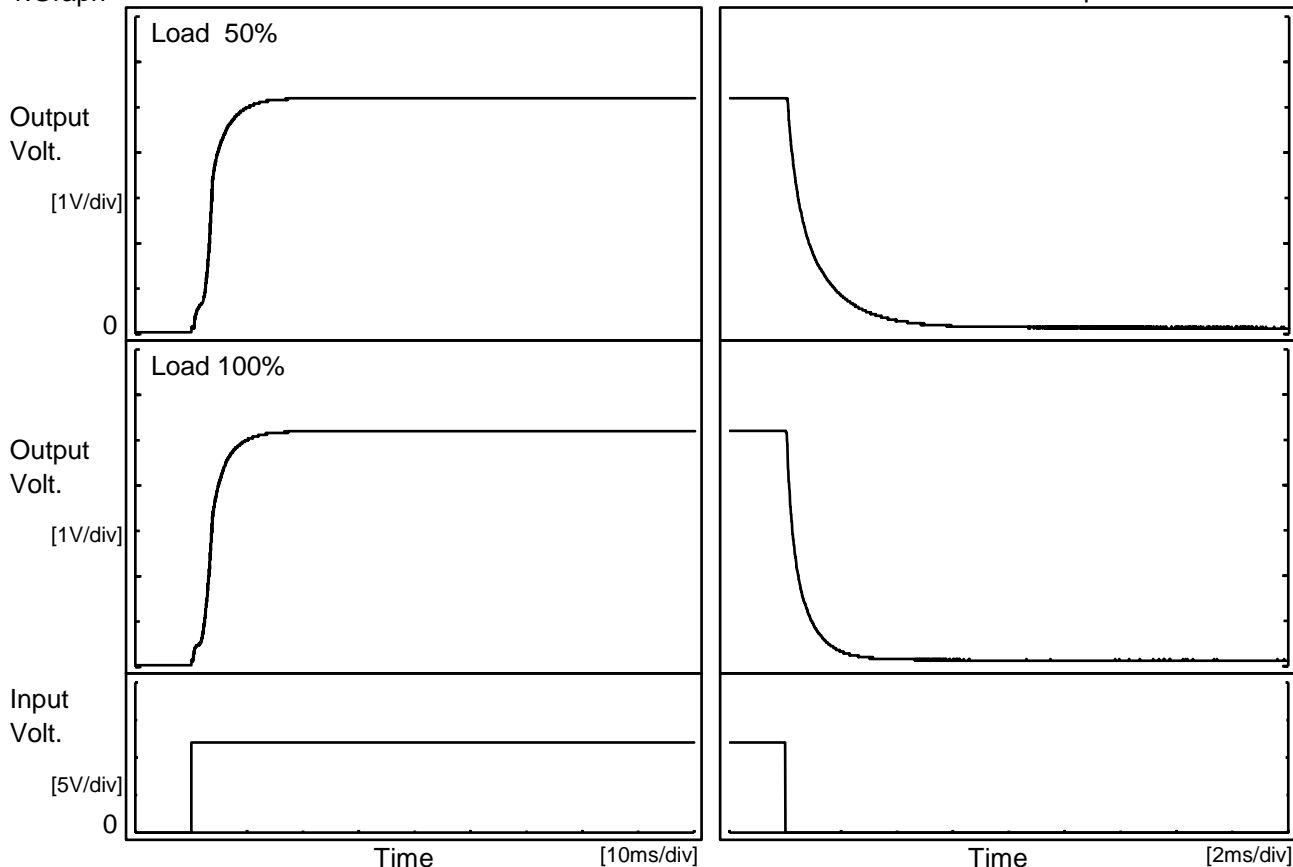
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Model	MUS61205	Temperature 25°C Testing Circuitry Figure A
Item	Dynamic Load Response	
Object	+5V1.2A	



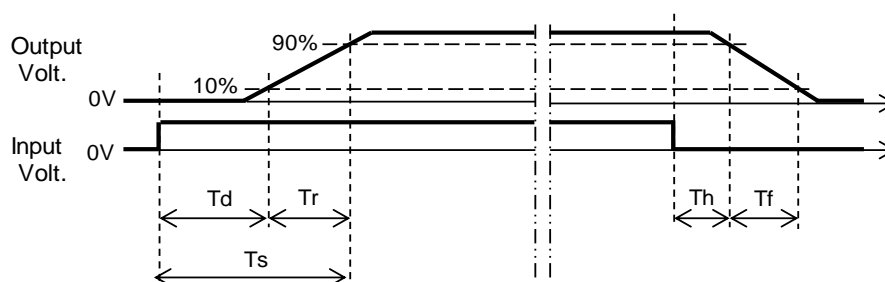
Model	MUS61205	Temperature	25°C
Item	Rise and Fall Time	Testing Circuitry	Figure A
Object	+5V1.2A		

1.Graph



2.Values

		[ms]				
Load	Time	Td	Tr	Ts	Th	Tf
50 %		1.1	5.3	6.4	0.2	2.6
100 %		1.7	4.6	6.3	0.1	1.4



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		Testing Circuitry Figure A
Model	MUS61205	
Item	Ambient Temperature Drift	
Object	+5V1.2A	

1.Values

Load 100%

Ambient Temperature[°C]	Output Voltage [V]		
	Input Volt. 9V	Input Volt. 12V	Input Volt. 18V
-40	5.055	5.055	5.056
25	5.098	5.098	5.098
85	5.101	5.101	5.100

Item	Minimum Input Voltage for Regulated Output Voltage	Testing Circuitry Figure A
Object	+5V1.2A	

1.Values

Ambient Temperature[°C]	Input Voltage [V]	
	Load 50%	Load 100%
-40	7.1	7.1
25	7.1	7.1
85	7.1	7.1

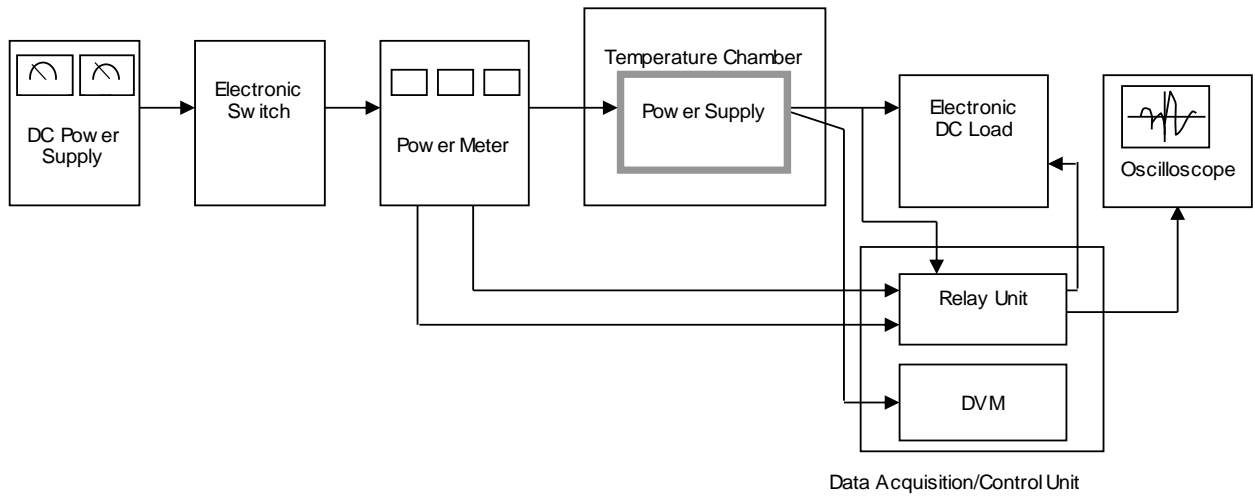


Figure A

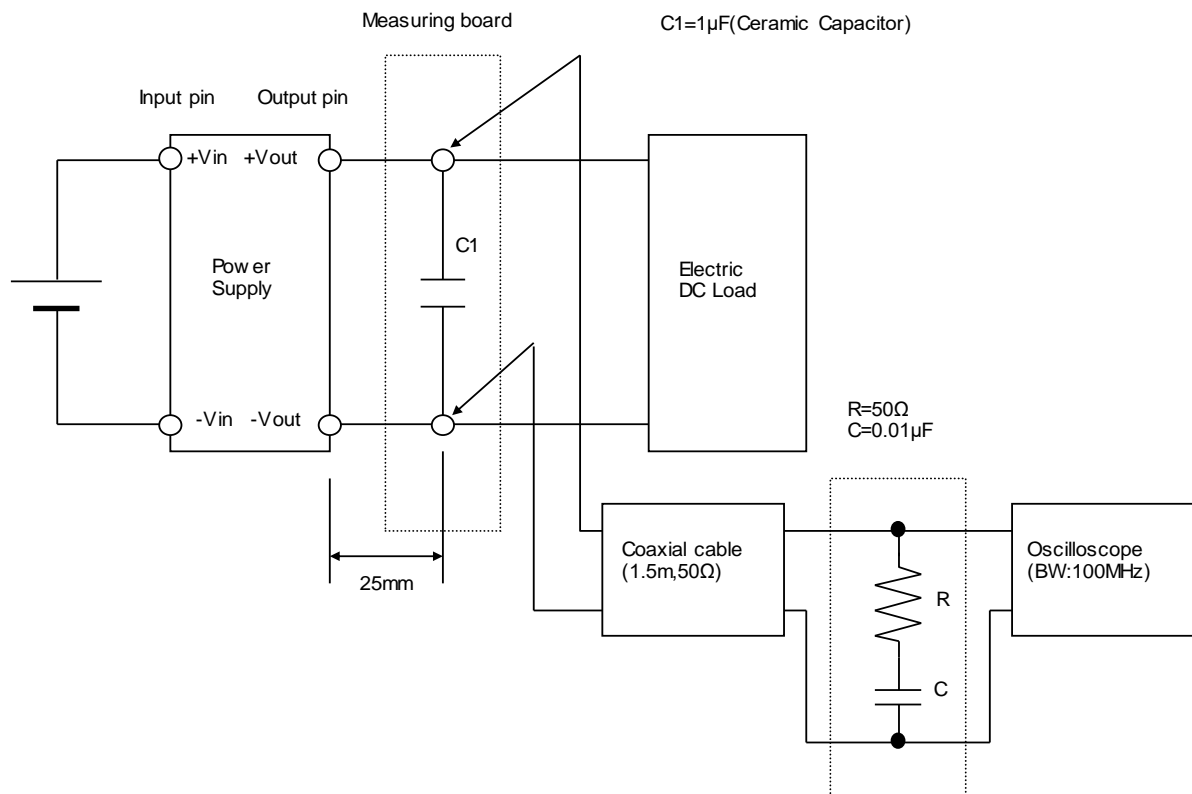


Figure B