

# TEST DATA OF MUS61215

Regulated DC Power Supply  
May.7. 2025

Approved by : Kenichi Tsukada  
Design Manager

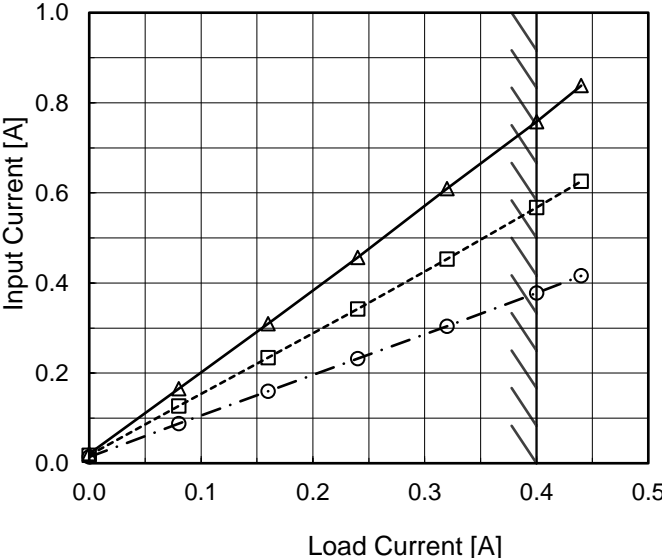
Prepared by : Yoshihiko Saeki  
Design Engineer

**COSEL CO.,LTD.**

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Model		MUS61215	Temperature 25°C																																																				
Item		Input Current (by Load Current)	Testing Circuitry Figure A																																																				
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1.Graph		<div><div><div>—△—</div><div>Input Volt.</div><div>9V</div></div><div><div>---□---</div><div>Input Volt.</div><div>12V</div></div><div><div>-·-○-·-</div><div>Input Volt.</div><div>18V</div></div></div>  <p>Input Current [A]</p> <p>Load Current [A]</p> <p>Note: Slanted line shows the range of the rated load current.</p>	2.Values																																																				
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Model	MUS61215	Temperature 25°C Testing Circuitry Figure A																																	
Item	Line Regulation																																		
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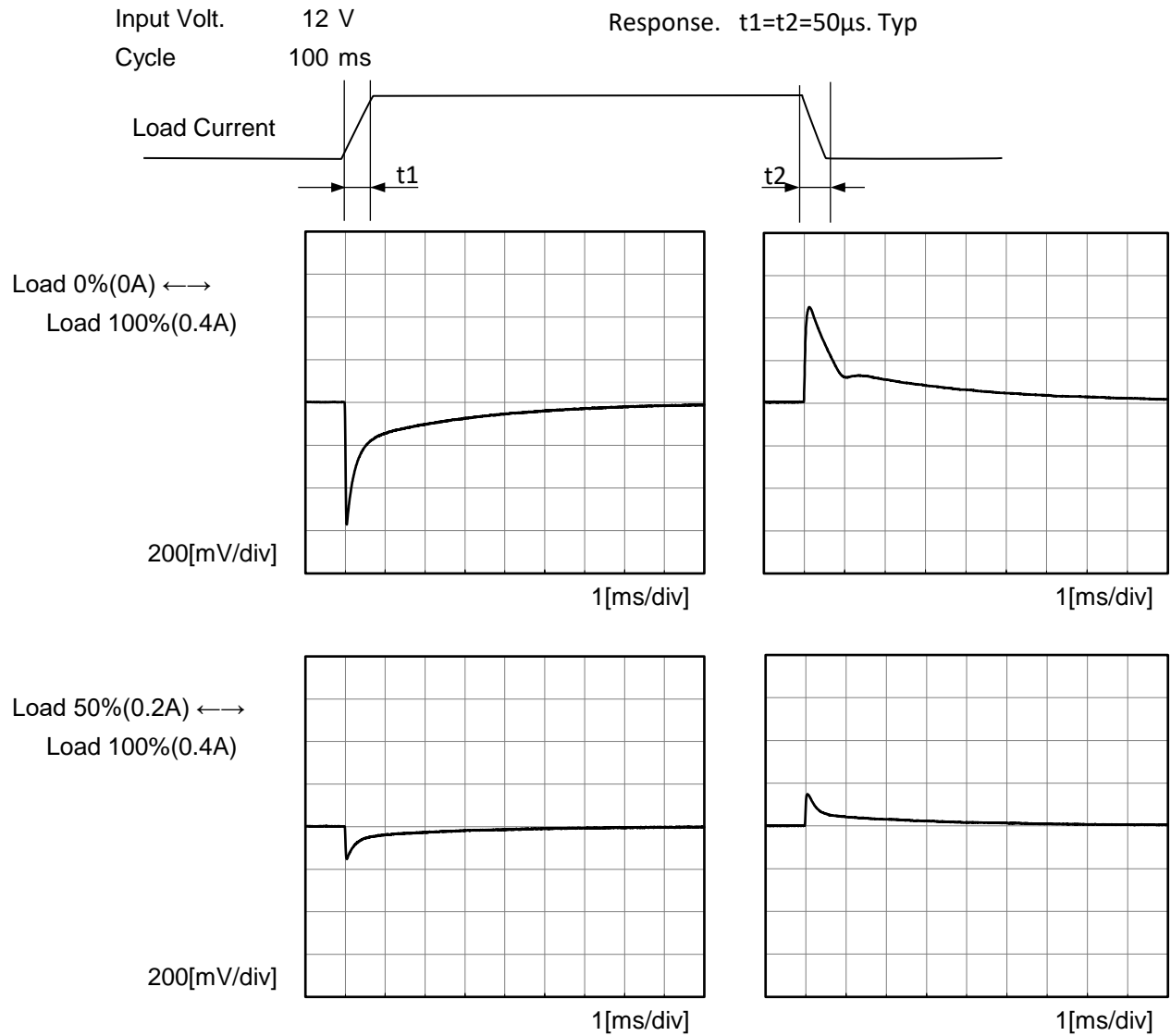
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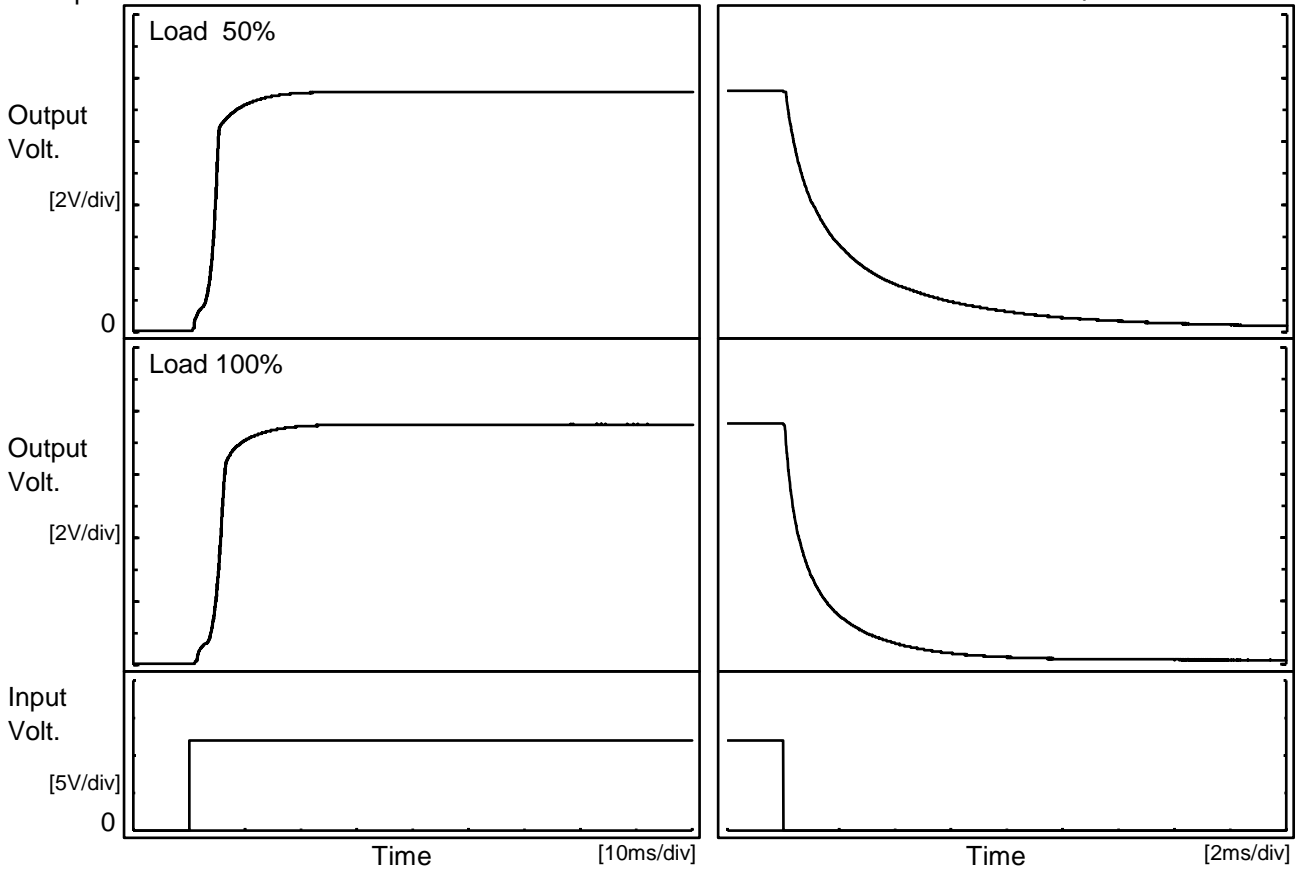
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Model	MUS61215	Temperature 25°C Testing Circuitry Figure A
Item	Dynamic Load Response	
Object	+15V0.4A	



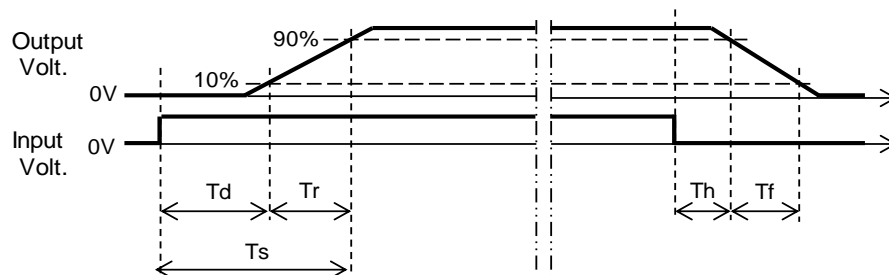
Model	MUS61215	Temperature	25°C
Item	Rise and Fall Time	Testing Circuitry	Figure A
Object	+15V0.4A		

## 1.Graph



## 2.Values

		[ms]				
Load	Time	Td	Tr	Ts	Th	Tf
50 %		2.4	4.5	6.9	0.2	6.8
100 %		3.5	4.4	7.9	0.1	3.4





Model		MUS61215	Temperature 25°C Testing Circuitry Figure A																																																								
Item		Overcurrent Protection																																																									
Object		+15V0.4A																																																									
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		Testing Circuitry Figure A
Model	MUS61215	
Item	Ambient Temperature Drift	
Object	+15V0.4A	

## 1.Values

Load 100%

Ambient Temperature[°C]	Output Voltage [V]		
	Input Volt. 9V	Input Volt. 12V	Input Volt. 18V
-40	14.911	14.912	14.912
25	15.003	15.003	15.004
85	15.026	15.026	15.026

Item	Minimum Input Voltage for Regulated Output Voltage	Testing Circuitry Figure A
Object	+15V0.4A	

## 1.Values

Ambient Temperature[°C]	Input Voltage [V]	
	Load 50%	Load 100%
-40	7.0	7.0
25	7.1	7.0
85	7.1	7.0

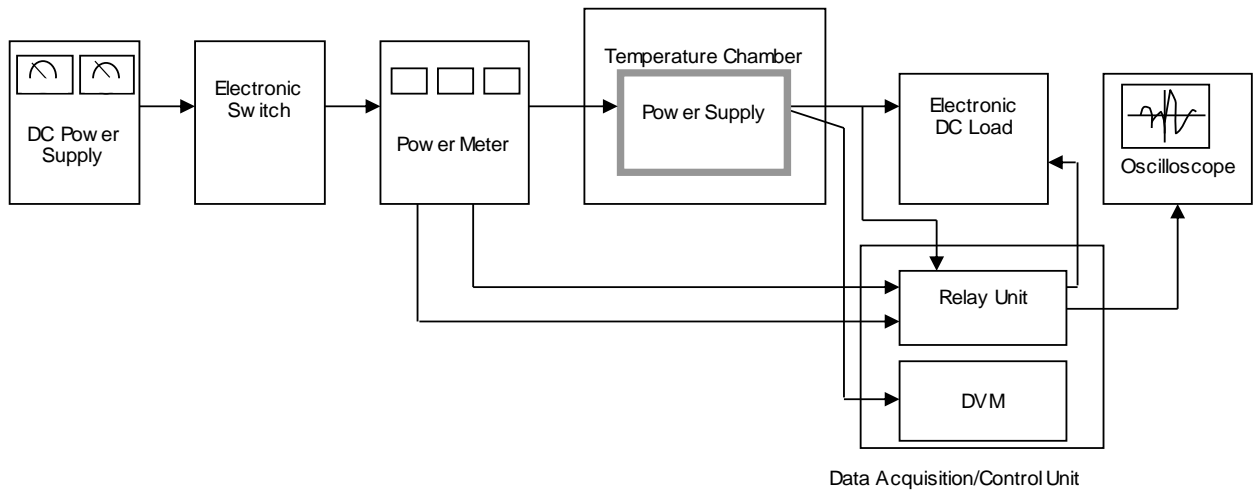


Figure A

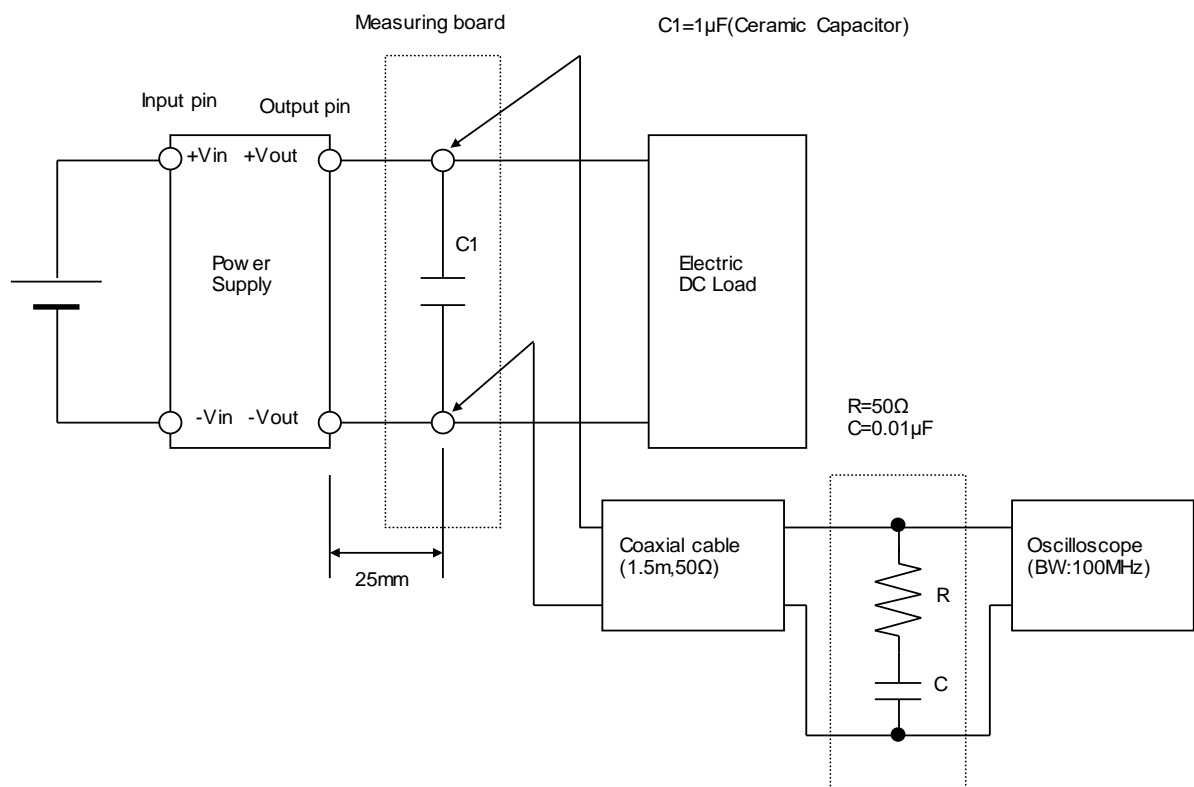


Figure B