

Test Data

Model Number: mUZP-120-12-JB0

Model Name: DC POWER SUPPLY

INPUT: 85V – 264V AC, 50 / 60 Hz

OUTPUT: 12 V 8.4A (16.7 A_{peak})

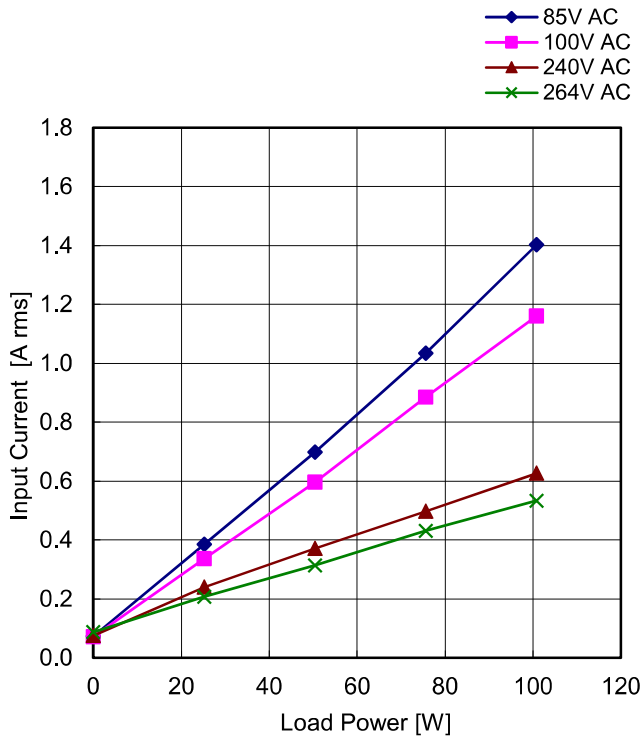
Minimum load : 0W
Rated load : 100.8W
Peak output power: 200.4W

Approved by : *T. Tsunamoto* (QA manager)
Designed by : *Kazuhiko Yamada* (R&D engineer)
Tested by : *Hiroyuki Watanabe* (Evaluation test engineer)

CONTENTS

1. Input Current (by Load Power)	1
入力電流(負荷特性)	
2. Efficiency	2
効率	
3. Power Factor	3
力率	
4. Line Regulation	4
静的入力変動	
5. Load Regulation	5
静的負荷変動	
6. Ambient Temperature Drift	6
周囲温度変動	
7. Output Rise Characteristics (at AC Power ON)	7
立ち上がり特性(AC 入力電圧投入時)	
8. Output Rise Characteristics (at Remote ON)	8
立ち上がり特性(リモートオン時)	
9. Output Fall Characteristics (at AC Power OFF)	9
立ち下がり特性(AC 入力電圧停止時)	
10. Output Fall Characteristics (at Remote OFF)	10
立ち下がり特性(リモートオフ時)	
11. Instantaneous Interruption Compensation (by Load Power)	11
瞬時停電保護	
12. Start-Up Voltage	12
起動電圧	
13. Input Voltage Sweep Up/Down	13
入力電圧緩動試験	
14. Dynamic Load Response	14
動的負荷変動	
15. Ripple / Noise Voltage	15-16
リップル電圧/ リップルノイズ	
16. Over-Current Protection	17
過電流保護	
17. Over-Voltage Protection	18
過電圧保護	
18. Inrush Current	19
突入電流	
19. Leakage Current	20
漏洩電流	

Model	mUZP-120-12-JB0	Temperature: 25°C
Item	Input Current (by Load Power)	



Load Power [W]	Input Current [A rms]			
	Input Voltage 85V AC	Input Voltage 100V AC	Input Voltage 240V AC	Input Voltage 264V AC
0.0	0.07	0.07	0.08	0.09
25.2	0.38	0.34	0.24	0.21
50.4	0.70	0.60	0.37	0.31
75.6	1.03	0.88	0.50	0.43
100.8	1.40	1.16	0.63	0.53

Model	mUZP-120-12-JB0	Temperature: 25°C																																																										
Item	Efficiency																																																											
<p>■ Efficiency(by Input Voltage)</p> <p>Legend: 50% Load (Blue diamonds), Rated Load (Pink squares)</p> <table border="1"> <thead> <tr> <th>AC Input Voltage [V]</th> <th>50% Load Efficiency [%]</th> <th>Rated Load Efficiency [%]</th> </tr> </thead> <tbody> <tr><td>85</td><td>86.51</td><td>86.06</td></tr> <tr><td>100</td><td>87.09</td><td>87.95</td></tr> <tr><td>132</td><td>87.33</td><td>89.02</td></tr> <tr><td>176</td><td>88.00</td><td>90.00</td></tr> <tr><td>200</td><td>88.70</td><td>90.34</td></tr> <tr><td>220</td><td>89.12</td><td>90.52</td></tr> <tr><td>240</td><td>89.47</td><td>90.56</td></tr> <tr><td>264</td><td>89.59</td><td>90.68</td></tr> </tbody> </table>		AC Input Voltage [V]	50% Load Efficiency [%]	Rated Load Efficiency [%]	85	86.51	86.06	100	87.09	87.95	132	87.33	89.02	176	88.00	90.00	200	88.70	90.34	220	89.12	90.52	240	89.47	90.56	264	89.59	90.68	<table border="1"> <thead> <tr> <th rowspan="2">AC Input Voltage [V]</th> <th colspan="2">Efficiency [%]</th> </tr> <tr> <th>50% Load</th> <th>Rated Load</th> </tr> </thead> <tbody> <tr><td>85</td><td>86.51</td><td>86.06</td></tr> <tr><td>100</td><td>87.09</td><td>87.95</td></tr> <tr><td>132</td><td>87.33</td><td>89.02</td></tr> <tr><td>176</td><td>88.00</td><td>90.00</td></tr> <tr><td>200</td><td>88.70</td><td>90.34</td></tr> <tr><td>220</td><td>89.12</td><td>90.52</td></tr> <tr><td>240</td><td>89.47</td><td>90.56</td></tr> <tr><td>264</td><td>89.59</td><td>90.68</td></tr> </tbody> </table>	AC Input Voltage [V]	Efficiency [%]		50% Load	Rated Load	85	86.51	86.06	100	87.09	87.95	132	87.33	89.02	176	88.00	90.00	200	88.70	90.34	220	89.12	90.52	240	89.47	90.56	264	89.59	90.68		
AC Input Voltage [V]	50% Load Efficiency [%]	Rated Load Efficiency [%]																																																										
85	86.51	86.06																																																										
100	87.09	87.95																																																										
132	87.33	89.02																																																										
176	88.00	90.00																																																										
200	88.70	90.34																																																										
220	89.12	90.52																																																										
240	89.47	90.56																																																										
264	89.59	90.68																																																										
AC Input Voltage [V]	Efficiency [%]																																																											
	50% Load	Rated Load																																																										
85	86.51	86.06																																																										
100	87.09	87.95																																																										
132	87.33	89.02																																																										
176	88.00	90.00																																																										
200	88.70	90.34																																																										
220	89.12	90.52																																																										
240	89.47	90.56																																																										
264	89.59	90.68																																																										
<p>■ Efficiency(by Load Power)</p> <p>Legend: 85V AC (Blue diamonds), 100V AC (Pink squares), 240V AC (Red triangles), 264V AC (Green crosses)</p> <table border="1"> <thead> <tr> <th rowspan="2">Load Power [W]</th> <th colspan="4">Efficiency [%]</th> </tr> <tr> <th>Input Voltage 85V AC</th> <th>Input Voltage 100V AC</th> <th>Input Voltage 240V AC</th> <th>Input Voltage 264V AC</th> </tr> </thead> <tbody> <tr><td>25.2</td><td>81.47</td><td>81.74</td><td>83.30</td><td>82.97</td></tr> <tr><td>50.4</td><td>86.51</td><td>87.09</td><td>89.47</td><td>89.59</td></tr> <tr><td>75.6</td><td>86.92</td><td>87.64</td><td>90.03</td><td>90.19</td></tr> <tr><td>100.8</td><td>86.06</td><td>87.95</td><td>90.56</td><td>90.68</td></tr> </tbody> </table>		Load Power [W]	Efficiency [%]				Input Voltage 85V AC	Input Voltage 100V AC	Input Voltage 240V AC	Input Voltage 264V AC	25.2	81.47	81.74	83.30	82.97	50.4	86.51	87.09	89.47	89.59	75.6	86.92	87.64	90.03	90.19	100.8	86.06	87.95	90.56	90.68	<table border="1"> <thead> <tr> <th rowspan="2">Load Power [W]</th> <th colspan="4">Efficiency [%]</th> </tr> <tr> <th>Input Voltage 85V AC</th> <th>Input Voltage 100V AC</th> <th>Input Voltage 240V AC</th> <th>Input Voltage 264V AC</th> </tr> </thead> <tbody> <tr><td>25.2</td><td>81.47</td><td>81.74</td><td>83.30</td><td>82.97</td></tr> <tr><td>50.4</td><td>86.51</td><td>87.09</td><td>89.47</td><td>89.59</td></tr> <tr><td>75.6</td><td>86.92</td><td>87.64</td><td>90.03</td><td>90.19</td></tr> <tr><td>100.8</td><td>86.06</td><td>87.95</td><td>90.56</td><td>90.68</td></tr> </tbody> </table>	Load Power [W]	Efficiency [%]				Input Voltage 85V AC	Input Voltage 100V AC	Input Voltage 240V AC	Input Voltage 264V AC	25.2	81.47	81.74	83.30	82.97	50.4	86.51	87.09	89.47	89.59	75.6	86.92	87.64	90.03	90.19	100.8	86.06	87.95	90.56	90.68
Load Power [W]	Efficiency [%]																																																											
	Input Voltage 85V AC	Input Voltage 100V AC	Input Voltage 240V AC	Input Voltage 264V AC																																																								
25.2	81.47	81.74	83.30	82.97																																																								
50.4	86.51	87.09	89.47	89.59																																																								
75.6	86.92	87.64	90.03	90.19																																																								
100.8	86.06	87.95	90.56	90.68																																																								
Load Power [W]	Efficiency [%]																																																											
	Input Voltage 85V AC	Input Voltage 100V AC	Input Voltage 240V AC	Input Voltage 264V AC																																																								
25.2	81.47	81.74	83.30	82.97																																																								
50.4	86.51	87.09	89.47	89.59																																																								
75.6	86.92	87.64	90.03	90.19																																																								
100.8	86.06	87.95	90.56	90.68																																																								

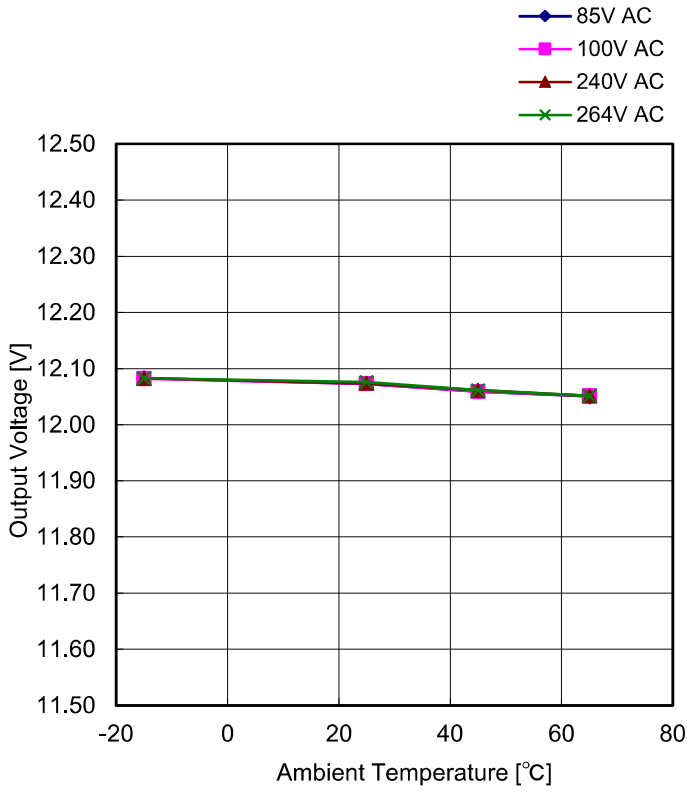
Model	mUZP-120-12-JB0	Temperature: 25°C																														
Item	Power Factor																															
<p>■ Power Factor (by Input Voltage)</p> <table border="1"> <thead> <tr> <th>AC Input Voltage [V]</th> <th>50% Load</th> <th>Rated Load</th> </tr> </thead> <tbody> <tr><td>85</td><td>98.5</td><td>98.8</td></tr> <tr><td>100</td><td>97.2</td><td>99.1</td></tr> <tr><td>132</td><td>92.5</td><td>97.2</td></tr> <tr><td>176</td><td>83.1</td><td>93.1</td></tr> <tr><td>200</td><td>76.9</td><td>89.5</td></tr> <tr><td>220</td><td>72.5</td><td>86.8</td></tr> <tr><td>240</td><td>69.3</td><td>83.0</td></tr> <tr><td>264</td><td>68.2</td><td>79.3</td></tr> </tbody> </table>				AC Input Voltage [V]	50% Load	Rated Load	85	98.5	98.8	100	97.2	99.1	132	92.5	97.2	176	83.1	93.1	200	76.9	89.5	220	72.5	86.8	240	69.3	83.0	264	68.2	79.3		
AC Input Voltage [V]	50% Load	Rated Load																														
85	98.5	98.8																														
100	97.2	99.1																														
132	92.5	97.2																														
176	83.1	93.1																														
200	76.9	89.5																														
220	72.5	86.8																														
240	69.3	83.0																														
264	68.2	79.3																														
<p>■ Power Factor (by Load Power)</p> <table border="1"> <thead> <tr> <th rowspan="2">Load Power [W]</th> <th colspan="4">Power Factor [%]</th> </tr> <tr> <th>Input Voltage 85V AC</th> <th>Input Voltage 100V AC</th> <th>Input Voltage 240V AC</th> <th>Input Voltage 264V AC</th> </tr> </thead> <tbody> <tr><td>25.2</td><td>95.2</td><td>91.9</td><td>63.5</td><td>55.7</td></tr> <tr><td>50.4</td><td>98.5</td><td>97.2</td><td>76.9</td><td>68.2</td></tr> <tr><td>75.6</td><td>99.2</td><td>98.2</td><td>85.1</td><td>74.3</td></tr> <tr><td>100.8</td><td>98.8</td><td>99.1</td><td>89.5</td><td>79.3</td></tr> </tbody> </table>				Load Power [W]	Power Factor [%]				Input Voltage 85V AC	Input Voltage 100V AC	Input Voltage 240V AC	Input Voltage 264V AC	25.2	95.2	91.9	63.5	55.7	50.4	98.5	97.2	76.9	68.2	75.6	99.2	98.2	85.1	74.3	100.8	98.8	99.1	89.5	79.3
Load Power [W]	Power Factor [%]																															
	Input Voltage 85V AC	Input Voltage 100V AC	Input Voltage 240V AC	Input Voltage 264V AC																												
25.2	95.2	91.9	63.5	55.7																												
50.4	98.5	97.2	76.9	68.2																												
75.6	99.2	98.2	85.1	74.3																												
100.8	98.8	99.1	89.5	79.3																												

Model	mUZP-120-12-JB0	Temperature: 25°C																		
Item	Line Regulation																			
<p>The graph plots Output Voltage [V] on the y-axis (ranging from 11.50 to 12.50) against AC Input Voltage [V] on the x-axis (ranging from 50 to 300). A single data series labeled 'Rated load' is shown as a blue line with diamond markers. The output voltage remains very stable, fluctuating only slightly around a mean value of approximately 12.07V.</p>		<table border="1"> <thead> <tr> <th>AC Input Voltage [V]</th> <th>Output Voltage [V]</th> </tr> </thead> <tbody> <tr> <td>85</td> <td>12.073</td> </tr> <tr> <td>100</td> <td>12.073</td> </tr> <tr> <td>132</td> <td>12.074</td> </tr> <tr> <td>176</td> <td>12.074</td> </tr> <tr> <td>200</td> <td>12.076</td> </tr> <tr> <td>220</td> <td>12.074</td> </tr> <tr> <td>240</td> <td>12.074</td> </tr> <tr> <td>264</td> <td>12.076</td> </tr> </tbody> </table>	AC Input Voltage [V]	Output Voltage [V]	85	12.073	100	12.073	132	12.074	176	12.074	200	12.076	220	12.074	240	12.074	264	12.076
AC Input Voltage [V]	Output Voltage [V]																			
85	12.073																			
100	12.073																			
132	12.074																			
176	12.074																			
200	12.076																			
220	12.074																			
240	12.074																			
264	12.076																			

Model	mUZP-120-12-JB0	Temperature: 25°C																																																																	
Item	Load Regulation																																																																		
<p>The graph plots Output Voltage [V] on the y-axis (ranging from 11.50 to 12.50) against Load Power [W] on the x-axis (ranging from 0 to 250). Four data series are shown: 85V AC (blue diamonds), 100V AC (magenta squares), 240V AC (red triangles), and 264V AC (green crosses). All series show a nearly constant output voltage of approximately 12.07V across the entire load range from 0W to 200W.</p>		<table border="1"> <thead> <tr> <th rowspan="2">Load Power [W]</th> <th colspan="4">Output Voltage [V]</th> </tr> <tr> <th>Input Voltage 85V AC</th> <th>Input Voltage 100V AC</th> <th>Input Voltage 240V AC</th> <th>Input Voltage 264V AC</th> </tr> </thead> <tbody> <tr> <td>0.0</td> <td>12.078</td> <td>12.079</td> <td>12.079</td> <td>12.079</td> </tr> <tr> <td>25.2</td> <td>12.078</td> <td>12.078</td> <td>12.078</td> <td>12.078</td> </tr> <tr> <td>50.4</td> <td>12.078</td> <td>12.077</td> <td>12.078</td> <td>12.077</td> </tr> <tr> <td>75.6</td> <td>12.077</td> <td>12.077</td> <td>12.077</td> <td>12.076</td> </tr> <tr> <td>100.8</td> <td>12.076</td> <td>12.074</td> <td>12.073</td> <td>12.073</td> </tr> <tr> <td>200.4</td> <td>12.072</td> <td>12.072</td> <td>12.072</td> <td>12.072</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th rowspan="2">Load Power [W]</th> <th colspan="2">Load Condition</th> </tr> <tr> <th colspan="2">Load Current [A]</th> </tr> </thead> <tbody> <tr> <td>0.0</td> <td colspan="2">12V</td> </tr> <tr> <td>0.0</td> <td colspan="2">0.00</td> </tr> <tr> <td>25.2</td> <td colspan="2">2.10</td> </tr> <tr> <td>50.4</td> <td colspan="2">4.20</td> </tr> <tr> <td>75.6</td> <td colspan="2">6.30</td> </tr> <tr> <td>100.8</td> <td colspan="2">8.40</td> </tr> <tr> <td>200.4</td> <td colspan="2">16.70</td> </tr> </tbody> </table>	Load Power [W]	Output Voltage [V]				Input Voltage 85V AC	Input Voltage 100V AC	Input Voltage 240V AC	Input Voltage 264V AC	0.0	12.078	12.079	12.079	12.079	25.2	12.078	12.078	12.078	12.078	50.4	12.078	12.077	12.078	12.077	75.6	12.077	12.077	12.077	12.076	100.8	12.076	12.074	12.073	12.073	200.4	12.072	12.072	12.072	12.072	Load Power [W]	Load Condition		Load Current [A]		0.0	12V		0.0	0.00		25.2	2.10		50.4	4.20		75.6	6.30		100.8	8.40		200.4	16.70	
Load Power [W]	Output Voltage [V]																																																																		
	Input Voltage 85V AC	Input Voltage 100V AC	Input Voltage 240V AC	Input Voltage 264V AC																																																															
0.0	12.078	12.079	12.079	12.079																																																															
25.2	12.078	12.078	12.078	12.078																																																															
50.4	12.078	12.077	12.078	12.077																																																															
75.6	12.077	12.077	12.077	12.076																																																															
100.8	12.076	12.074	12.073	12.073																																																															
200.4	12.072	12.072	12.072	12.072																																																															
Load Power [W]	Load Condition																																																																		
	Load Current [A]																																																																		
0.0	12V																																																																		
0.0	0.00																																																																		
25.2	2.10																																																																		
50.4	4.20																																																																		
75.6	6.30																																																																		
100.8	8.40																																																																		
200.4	16.70																																																																		

Model mUZZ-120-12-JB0

Item Ambient Temperature Drift



Ambient Temp. (°C)	Output Voltage [V]			
	Input Voltage 85V AC	Input Voltage 100V AC	Input Voltage 240V AC	Input Voltage 264V AC
-15	12.083	12.082	12.083	12.083
25	12.073	12.073	12.074	12.076
45	12.059	12.059	12.061	12.061
65	12.050	12.051	12.051	12.051

Load Condition

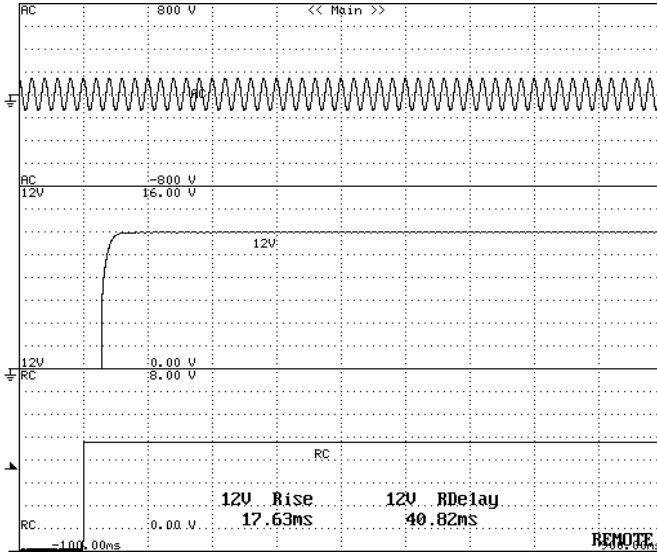
Ambient Temp. (°C)	Load Current [A]
	12V
-15	8.40
25	8.40
45	8.40
65	5.83

Model	mUZP-120-12-JB0	Temperature: 25°C
Item	Output Rise Characteristics (at Remote ON)	

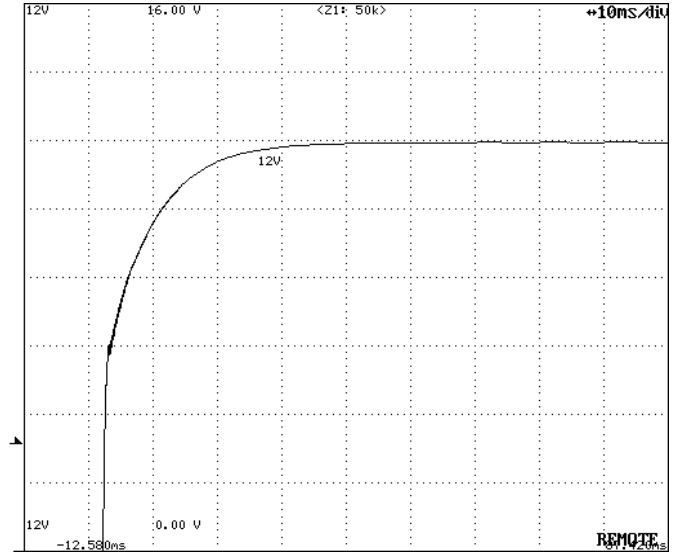
Input: 100V AC
Load: Rated Load

Timebase Range: 100ms/div

Vertical Sensitivity: 2V/div
Timebase Range: 10ms/div



All Output Start-up Sequence

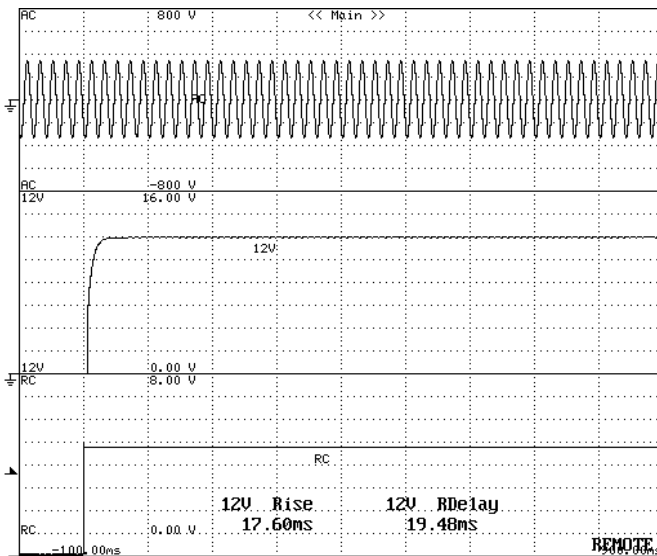


12V DC Output Rise Characteristics

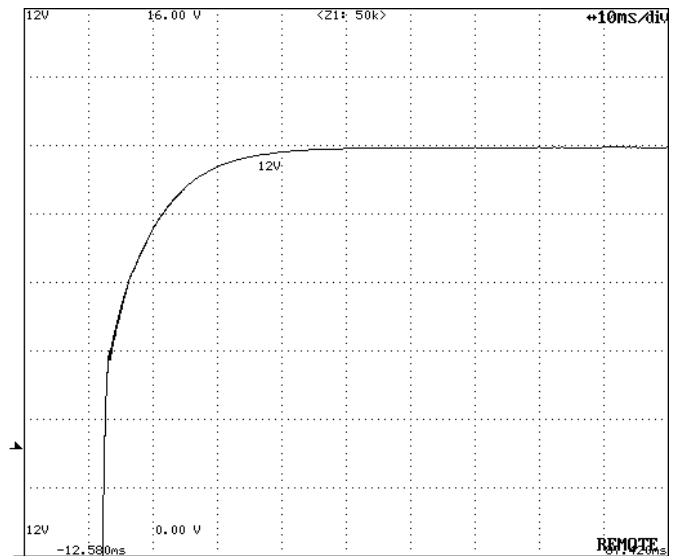
Input: 240V AC
Load: Rated Load

Timebase Range: 100ms/div

Vertical Sensitivity: 2V/div
Timebase Range: 10ms/div



All Output Start-up Sequence

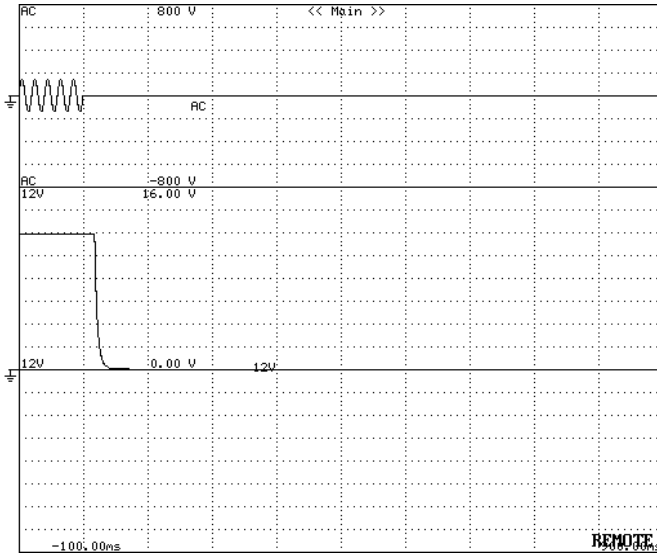


12V DC Output Rise Characteristics

Model	mUZP-120-12-JB0	Temperature: 25°C
Item	Output Fall Characteristics (at AC Power OFF)	

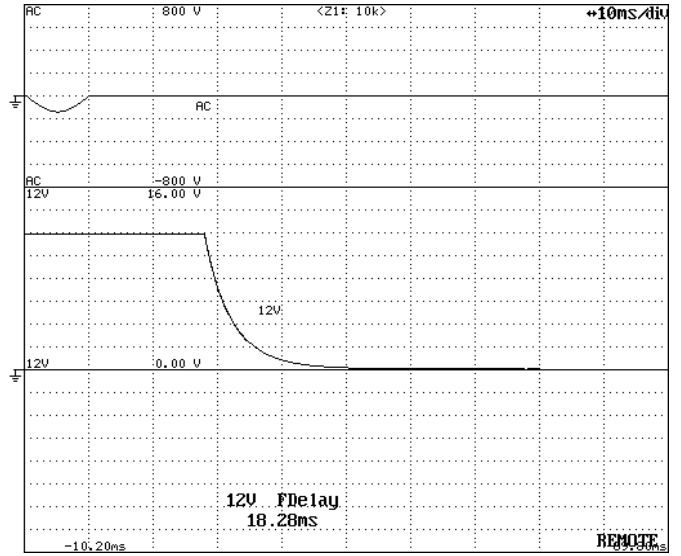
Input: 100V AC
Load: Rated Load

Timebase Range: 100ms/div



Output Fall Characteristics

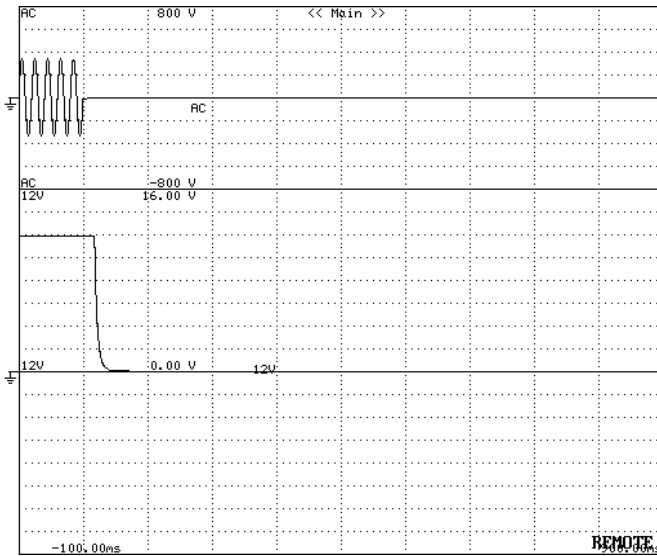
Timebase Range: 10ms/div



Output Fall Characteristics (magnification)

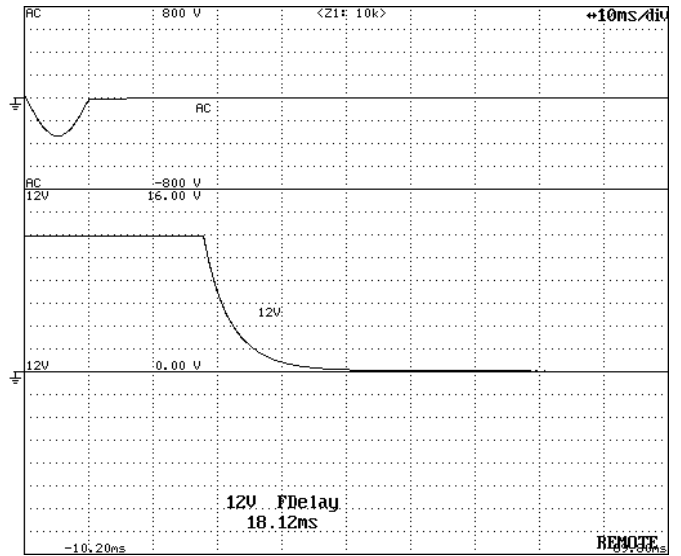
Input: 240V AC
Load: Rated Load

Timebase Range: 100ms/div



Output Fall Characteristics

Timebase Range: 10ms/div

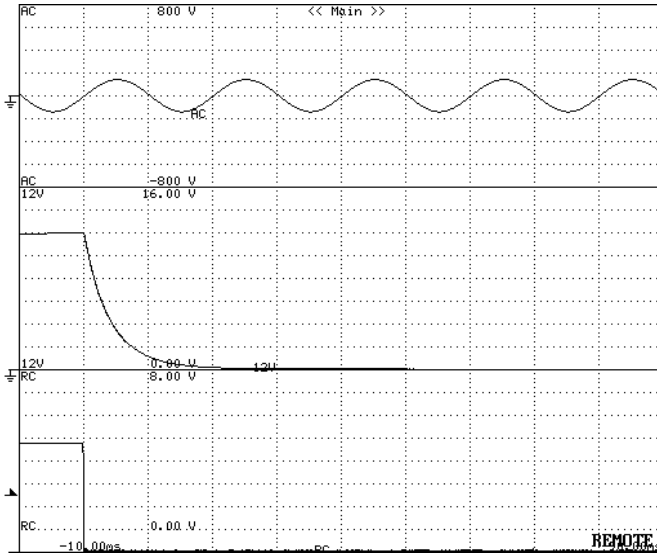


Output Fall Characteristics (magnification)

Model	mUZP-120-12-JB0	Temperature: 25°C
Item	Output Fall Characteristics (at Remote OFF)	

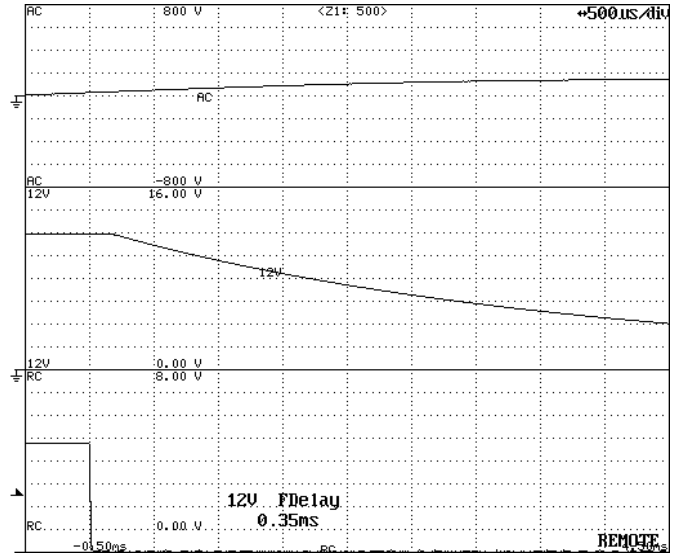
Input: 100V AC
Load: Rated Load

Timebase Range: 10ms/div



Output Fall Characteristics

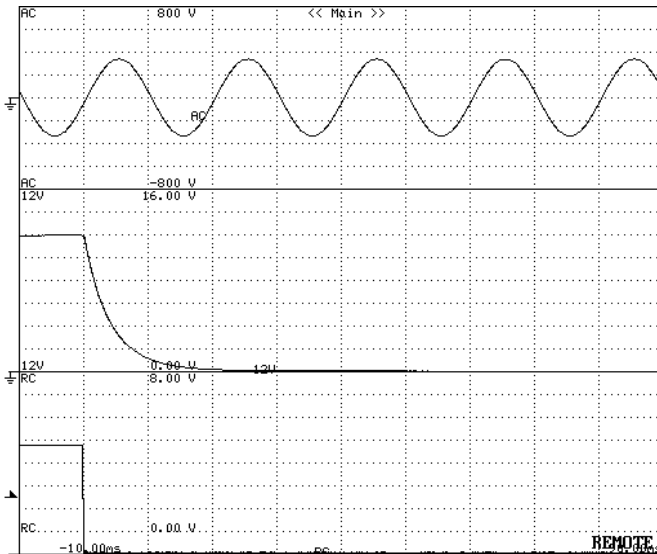
Timebase Range: 500 μs/div



Output Fall Characteristics (magnification)

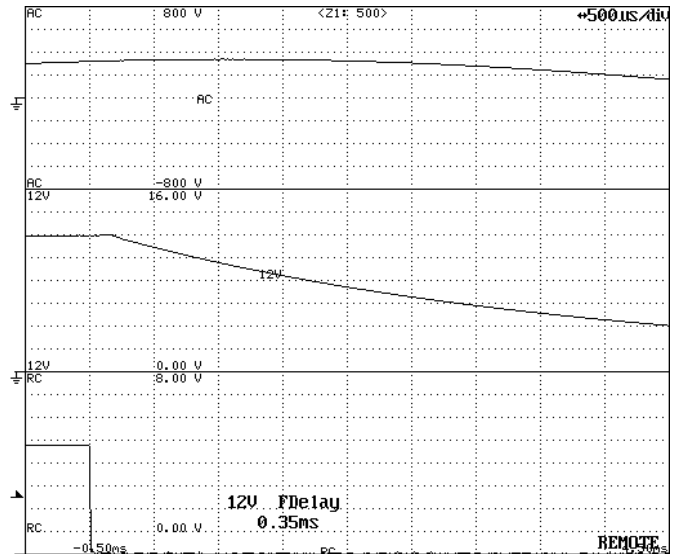
Input: 240V AC
Load: Rated Load

Timebase Range: 10ms/div



Output Fall Characteristics

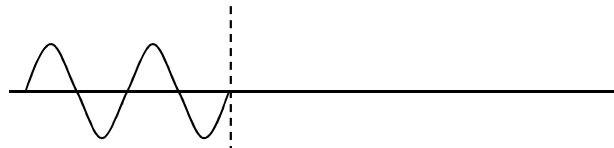
Timebase Range: 500 μs/div



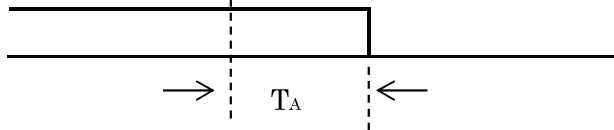
Output Fall Characteristics (magnification)

Model	mUZP-120-12-JB0	Temperature: 25°C
Item	Instantaneous Interruption Compensation (by Load Power)	

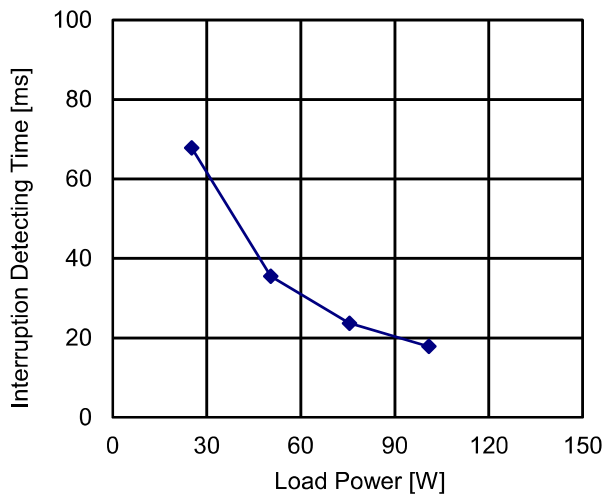
Input Voltage



Output Voltage

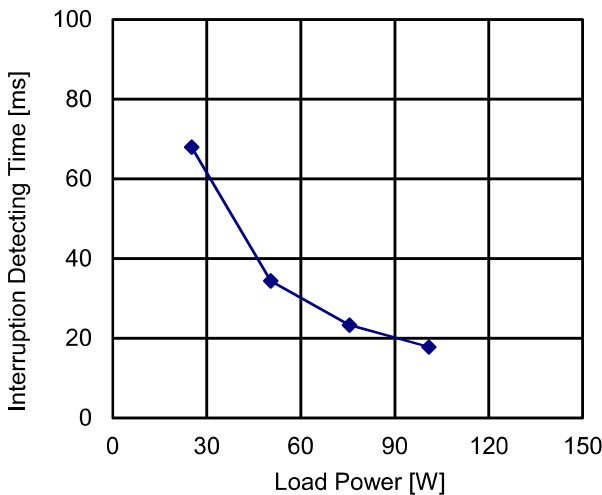


Input Voltage:100V AC



Load Power [W]	Interruption Detecting Time [ms]
	Ouput Voltage
	T _A
25.20	67.8
50.4	35.5
75.60	23.7
100.8	17.9

Input Voltage:240V AC

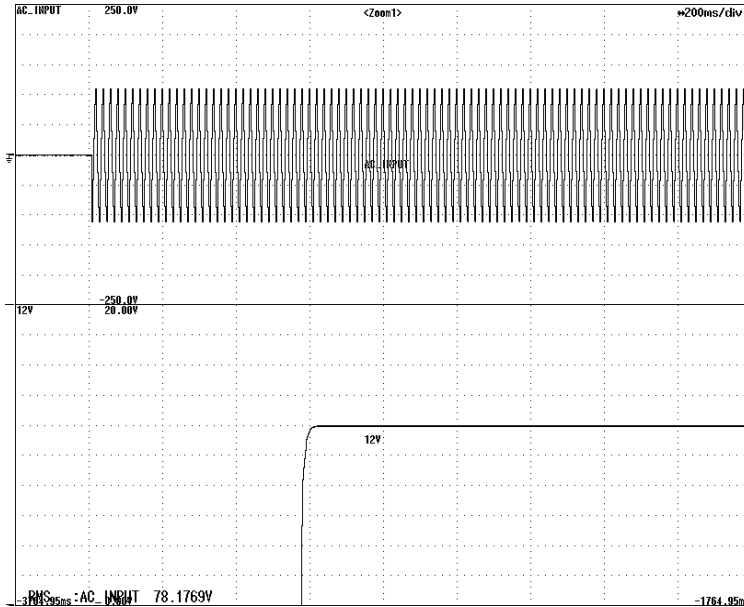


Load Power [W]	Interruption Detecting Time [ms]
	Ouput Voltage
	T _A
25.20	68.0
50.4	34.4
75.60	23.3
100.8	17.8

Model	mUZP-120-12-JB0	Temperature: 25°C
Item	Start-Up Voltage	

**Timebase Range: 200ms/div
Load: Rated Load**

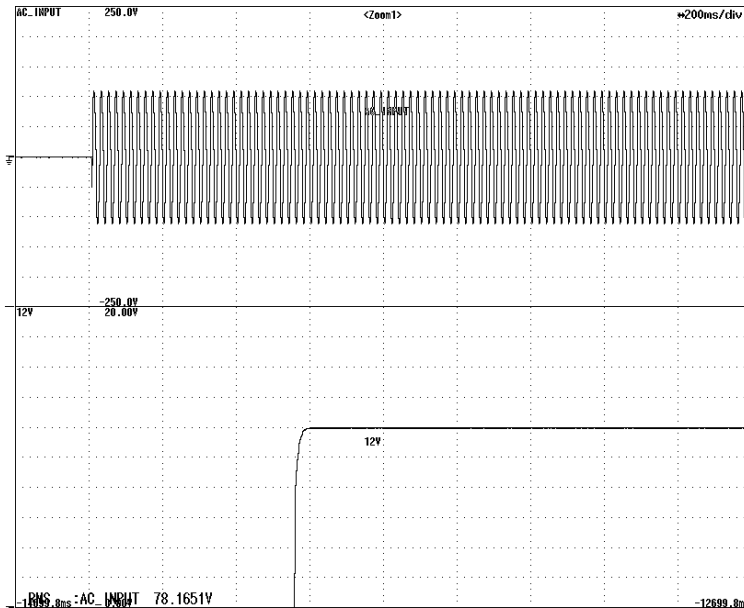
AC Input



Start-up Voltage: 78.2V AC

**Timebase Range: 200ms/div
Load: Minimum Load**

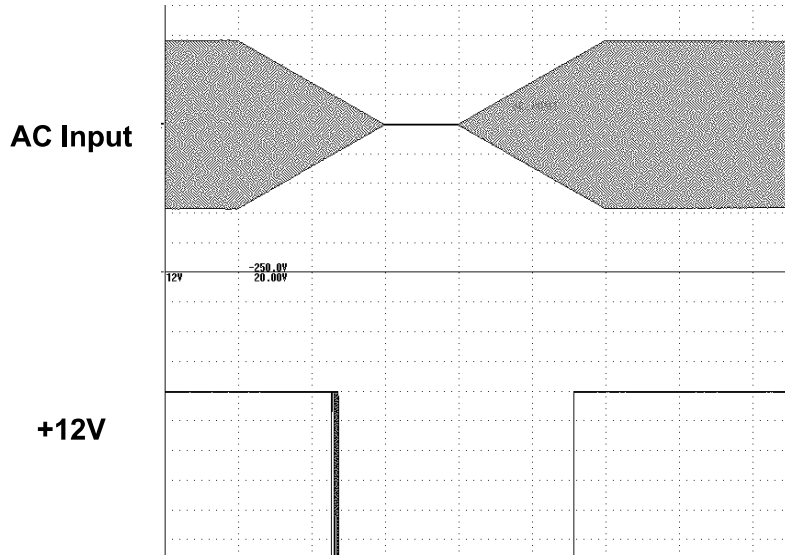
AC Input



Start-up Voltage: 78.2V AC

Model	mUZP-120-12-JB0	Temperature: 25°C
Item	Input Voltage Sweep Up/Down	

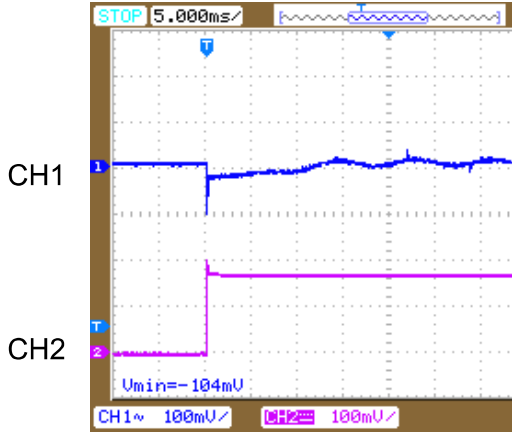
Timebase Range: 5s/div
Load: Rated Load



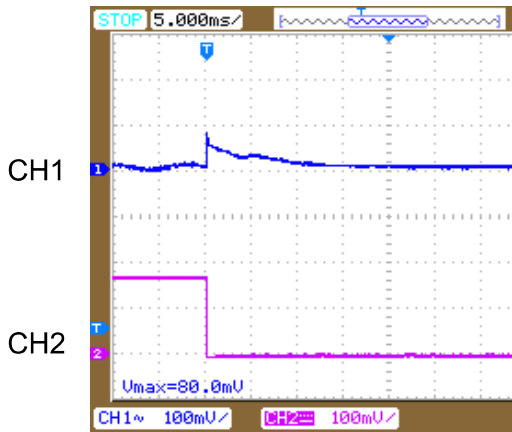
Sweep Rate: 10Vave/sec

Model	mUZP-120-12-JB0	Temperature: 25°C
Item	Dynamic Load Response	

+12V DC Output Transient Response Waveforms

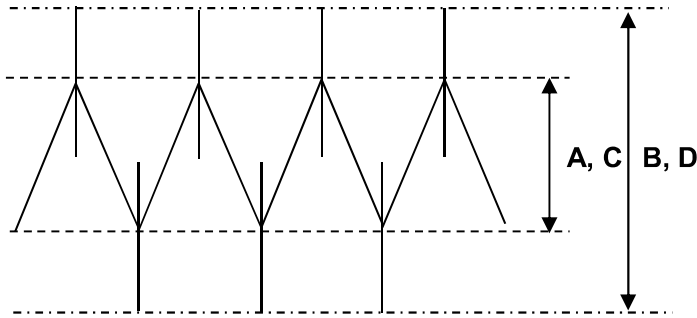


Waveform 1	
CH1	Measuring Point: DC Output Voltage
	Vertical Sensitivity: 100mV/div
CH2	Measuring Point: DC Output Current
	Vertical Sensitivity: 5A/div
Timebase Range	5ms/div
Condition	Input: 100V AC
Note: Minimum load(0A) → Rated Load(8.4A)	



Waveform 2	
CH1	Measuring Point: DC Output Voltage
	Vertical Sensitivity: 100mV/div
CH2	Measuring Point: DC Output Current
	Vertical Sensitivity: 5A/div
Timebase Range	5ms/div
Condition	Input: 100V AC
Note: Rated Load(8.4A) → Minimum load(0A)	

Model	mUZF-120-12-JB0	Load: Rated Load
Item	Ripple / Noise Voltage	

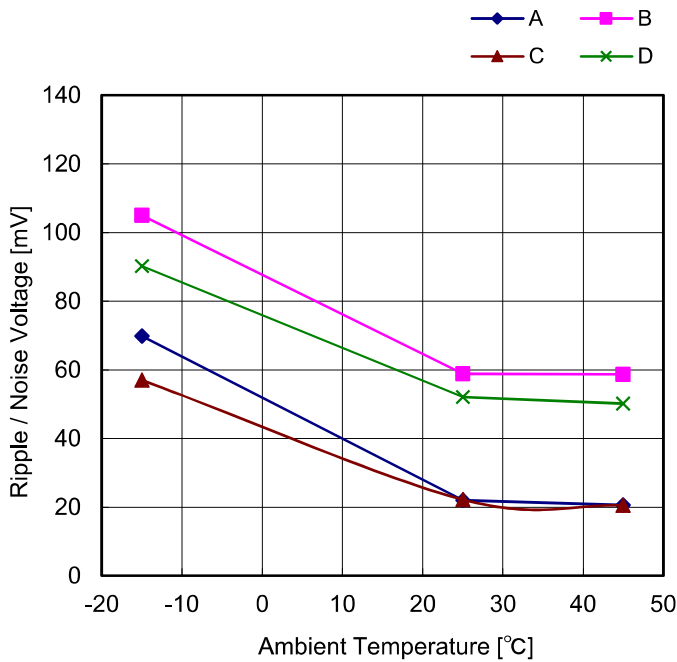


at 100V AC

A: Ripple Voltage (mV_{P-P})
 B: Noise Voltage (mV_{P-P})

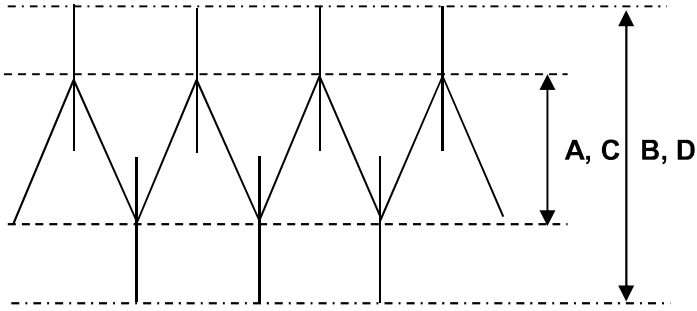
at 240V AC

C: Ripple Voltage (mV_{P-P})
 D: Noise Voltage (mV_{P-P})



Ambient Temp. [°C]	Ripple / Noise Voltage [mV]			
	A	B	C	D
-15	69.8	105.0	57.0	90.2
25	22.0	58.8	22.2	52.1
45	20.6	58.7	20.5	50.1

Model	mUZF-120-12-JB0	Temperature : 25°C
Item	Ripple / Noise Voltage	



at 100V AC

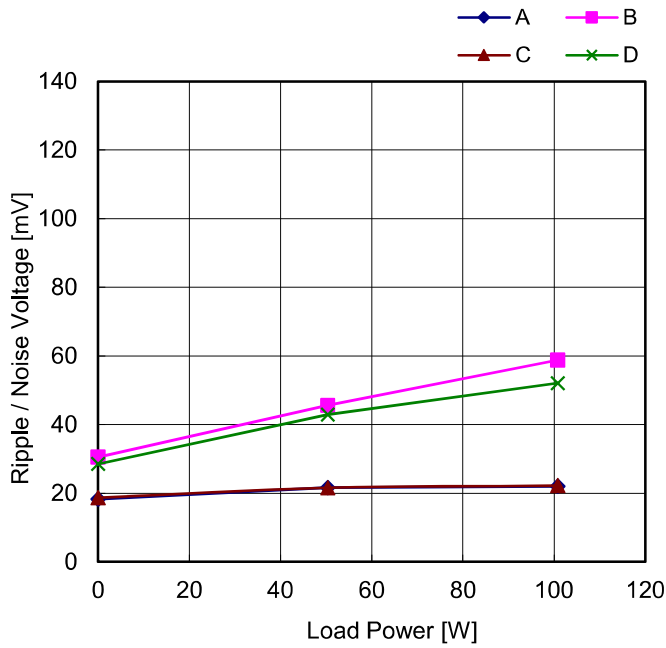
A: Ripple Voltage (mVP-P)

B: Noise Voltage (mVP-P)

at 240V AC

C: Ripple Voltage (mVP-P)

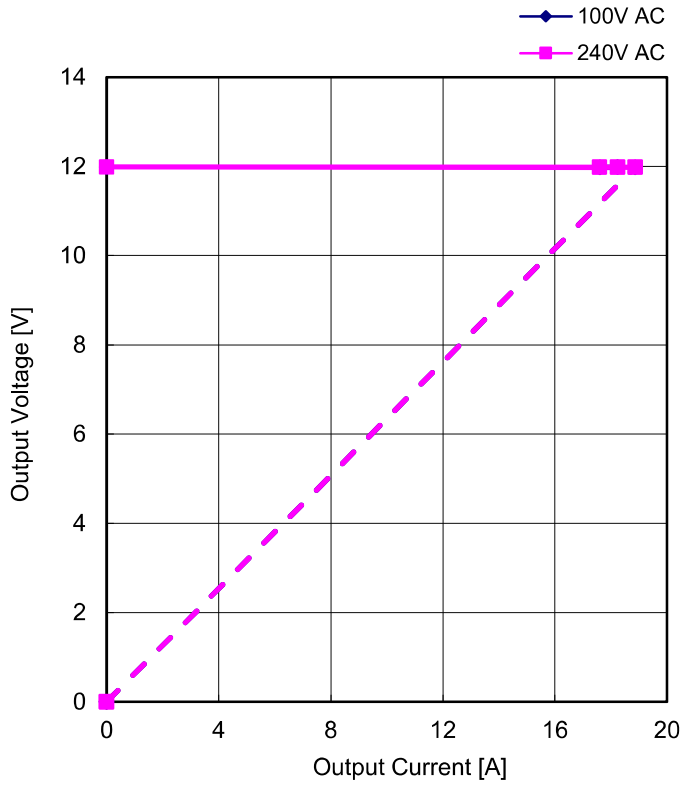
D: Noise Voltage (mVP-P)



Load Power [W]	Ripple / Noise Voltage [mV]			
	A	B	C	D
0	18.3	30.5	18.7	28.5
50.4	21.7	45.6	21.6	42.9
100.8	22.0	58.8	22.2	52.1

Model	mUZP-120-12-JB0	Temperature: 25°C
Item	Over-Current Protection	

V-I Characteristics of 12V O.C.P



Input Voltage: 100V AC		Input Voltage: 240V AC	
Output Current [A]	Output Voltage [V]	Output Current [A]	Output Voltage [V]
0.00	11.99	0.00	11.99
17.60	11.98	17.60	11.98
18.25	11.98	18.25	11.98
18.87	11.98	18.87	11.98

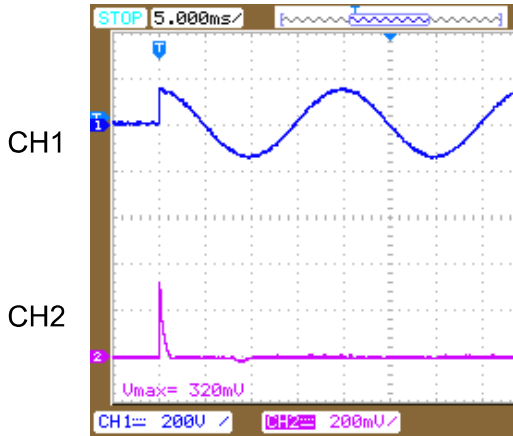
Model	mUZP-120-12-JB0	Load: Minimum Load
Item	Over-Voltage Protection	

The graph plots Output Voltage [V] on the y-axis (ranging from 10.0 to 20.0) against Ambient Temperature [°C] on the x-axis (ranging from -20 to 80). Two data series are shown: 100V AC (blue line with diamond markers) and 240V AC (magenta line with square markers). Only the 240V AC series is clearly visible, with data points corresponding to the table on the right.

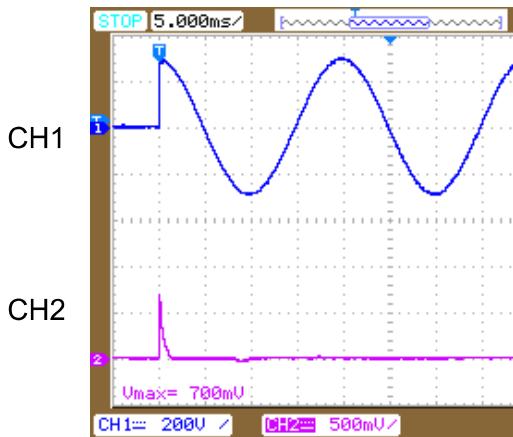
Ambient Temp. [°C]	Output Voltage [V]	
	100V AC	240V AC
-15	14.85	14.86
25	14.94	14.95
45	14.95	14.93
65	15.00	15.06

Model	mUZP-120-12-JB0	Temperature: 25°C
Item	Inrush Current	Load: Rated Load

Inrush Current Waveforms



Waveform 1	
CH1	Measuring Point: AC Input Voltage
	Range: 200V/div
CH2	Measuring Point: AC Input Current
	Range: 10A/div
Timebase Range	5ms/div
Condition	Input: 100V AC Load: Rated Load
Note: Inrush Current: 16.0A	



Waveform 2	
CH1	Measuring Point: AC Input Voltage
	Range: 200V/div
CH2	Measuring Point: AC Input Current
	Range: 25A/div
Timebase Range	5ms/div
Condition	Input: 200V AC Load: Rated Load
Note: Inrush Current: 35.0A	

Model	mUZP-120-12-JB0	Load: Rated Load																																				
Item	Leakage Current																																					
<p>The graph plots Leakage Current [mA] on the y-axis (0 to 1.0) against AC Input Voltage [V] on the x-axis (50 to 300). The data points are as follows:</p> <table border="1"> <thead> <tr> <th>AC Input Voltage [V]</th> <th>Leakage Current [mA]</th> </tr> </thead> <tbody> <tr><td>85</td><td>0.02</td></tr> <tr><td>100</td><td>0.03</td></tr> <tr><td>132</td><td>0.04</td></tr> <tr><td>176</td><td>0.05</td></tr> <tr><td>200</td><td>0.06</td></tr> <tr><td>220</td><td>0.07</td></tr> <tr><td>240</td><td>0.08</td></tr> <tr><td>264</td><td>0.09</td></tr> </tbody> </table>		AC Input Voltage [V]	Leakage Current [mA]	85	0.02	100	0.03	132	0.04	176	0.05	200	0.06	220	0.07	240	0.08	264	0.09	<table border="1"> <thead> <tr> <th>AC Input Voltage [V]</th> <th>Leakage Current [mA]</th> </tr> </thead> <tbody> <tr><td>85</td><td>0.02</td></tr> <tr><td>100</td><td>0.03</td></tr> <tr><td>132</td><td>0.04</td></tr> <tr><td>176</td><td>0.05</td></tr> <tr><td>200</td><td>0.06</td></tr> <tr><td>220</td><td>0.07</td></tr> <tr><td>240</td><td>0.08</td></tr> <tr><td>264</td><td>0.09</td></tr> </tbody> </table>	AC Input Voltage [V]	Leakage Current [mA]	85	0.02	100	0.03	132	0.04	176	0.05	200	0.06	220	0.07	240	0.08	264	0.09
AC Input Voltage [V]	Leakage Current [mA]																																					
85	0.02																																					
100	0.03																																					
132	0.04																																					
176	0.05																																					
200	0.06																																					
220	0.07																																					
240	0.08																																					
264	0.09																																					
AC Input Voltage [V]	Leakage Current [mA]																																					
85	0.02																																					
100	0.03																																					
132	0.04																																					
176	0.05																																					
200	0.06																																					
220	0.07																																					
240	0.08																																					
264	0.09																																					