

COSEL

TEST DATA OF LDA100W-15
(100V INPUT)

Regulated DC Power Supply

Date : Aug. 13. 1999

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Design Manager

Prepared by : J. Asano
Design Engineer

コーセル株式会社
COSEL CO., LTD.



C O N T E N T S

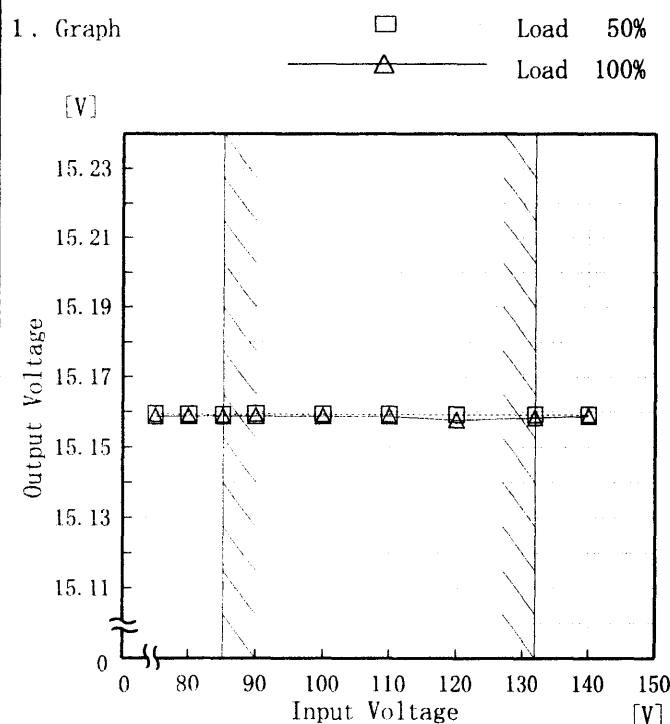
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Model	LDA100W-15
Item	Line Regulation 静的入力変動
Object	+15.0V 6.7A

Temperature 25°C
Testing Circuitry Figure A



2. Values

Input Voltage [V]	Output Voltage [V]	
	Load 50%	Load 100%
75	15.159	15.159
80	15.159	15.159
85	15.159	15.159
90	15.159	15.159
100	15.159	15.159
110	15.159	15.159
120	15.159	15.158
132	15.159	15.158
140	15.159	15.159

Note: Slanted line shows the range of the rated input voltage.

(注)斜線は定格入力電圧範囲を示す。

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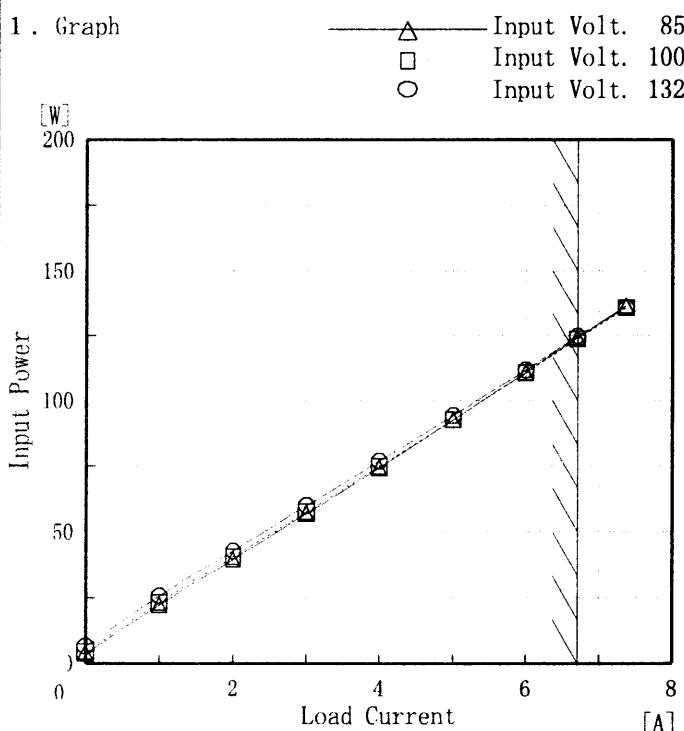
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1. Graph	<p style="text-align: center;">△ Input Volt. 85V □ Input Volt. 100V ○ Input Volt. 132V</p> <table border="1"> <caption>Data points estimated from the graph</caption> <thead> <tr> <th>Load Current [A]</th> <th>Input Volt. 85V [A]</th> <th>Input Volt. 100V [A]</th> <th>Input Volt. 132V [A]</th> </tr> </thead> <tbody> <tr><td>0.00</td><td>0.147</td><td>0.158</td><td>0.161</td></tr> <tr><td>1.00</td><td>0.520</td><td>0.484</td><td>0.435</td></tr> <tr><td>2.00</td><td>0.861</td><td>0.781</td><td>0.674</td></tr> <tr><td>3.00</td><td>1.197</td><td>1.076</td><td>0.909</td></tr> <tr><td>4.00</td><td>1.526</td><td>1.364</td><td>1.141</td></tr> <tr><td>5.00</td><td>1.862</td><td>1.657</td><td>1.379</td></tr> <tr><td>6.00</td><td>2.188</td><td>1.938</td><td>1.606</td></tr> <tr><td>6.70</td><td>2.428</td><td>2.142</td><td>1.771</td></tr> <tr><td>7.37</td><td>2.645</td><td>2.325</td><td>1.916</td></tr> </tbody> </table>			Load Current [A]	Input Volt. 85V [A]	Input Volt. 100V [A]	Input Volt. 132V [A]	0.00	0.147	0.158	0.161	1.00	0.520	0.484	0.435	2.00	0.861	0.781	0.674	3.00	1.197	1.076	0.909	4.00	1.526	1.364	1.141	5.00	1.862	1.657	1.379	6.00	2.188	1.938	1.606	6.70	2.428	2.142	1.771	7.37	2.645	2.325	1.916															
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Note: Slanted line shows the range of the rated load current

(注) 斜線は定格負荷電流範囲を示す。

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Model	LDA100W-15
Item	Input Power (by Load Current) 入力電力 (負荷特性)
Output	_____

Temperature 25°C
Testing Circuitry Figure A

2. Values

Load Current [A]	Input Power [W]		
	Input Volt. 85[V]	Input Volt. 100[V]	Input Volt. 132[V]
0.00	3.64	4.54	6.50
1.00	22.23	23.30	25.81
2.00	39.65	40.50	42.80
3.00	56.95	57.63	59.90
4.00	74.30	74.86	76.90
5.00	92.70	92.80	94.40
6.00	110.80	110.50	111.70
6.70	124.30	123.70	124.70
7.37	136.50	135.60	135.60
—	—	—	—
—	—	—	—
—	—	—	—

Note: Slanted line shows the range of the rated load current

(注)斜線は定格負荷電流範囲を示す。

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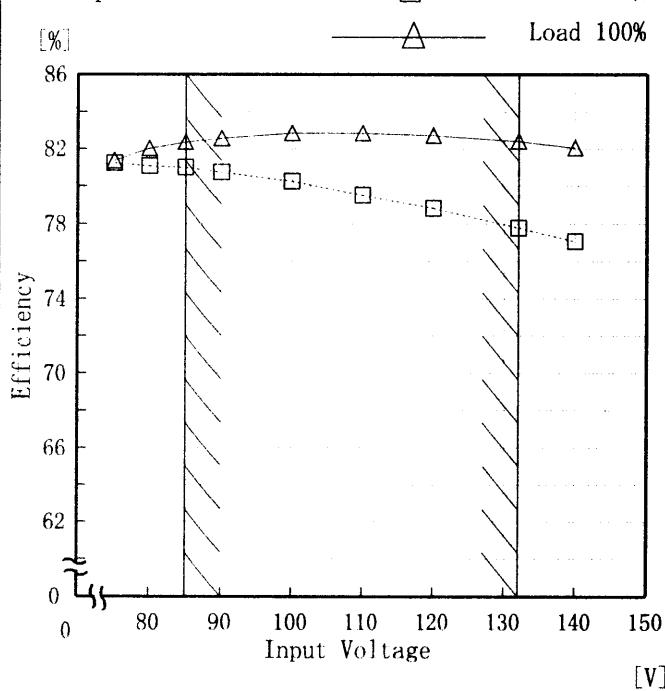
Model LDA100W-15

Item Efficiency 効率

Object

Temperature 25°C
Testing Circuitry Figure A

1. Graph



Note: Slanted line shows the range of the rated input voltage.

(注) 斜線は定格入力電圧範囲を示す。

2. Values

Input Voltage [V]	Efficiency [%]	
	Load 50%	Load 100%
75	81.2	81.4
80	81.1	82.0
85	81.0	82.4
90	80.8	82.6
100	80.3	82.9
110	79.5	82.8
120	78.8	82.7
132	77.8	82.4
140	77.1	82.1

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Model	LDA100W-15																																																									
Item	Efficiency (by Load Current) 効率(負荷電流特性)	Temperature 25°C	Testing Circuitry Figure A																																																							
Output	——																																																									
1. Graph	<p>Efficiency [%]</p> <p>Load Current [A]</p> <p>Legend: Input Volt. 85V (△), Input Volt. 100V (□), Input Volt. 132V (○)</p>																																																									
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Note: Slanted line shows the range of the rated load current

(注)斜線は定格負荷電流範囲を示す。

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Model LDA100W-15

Item Hold-Up Time 出力保持時間

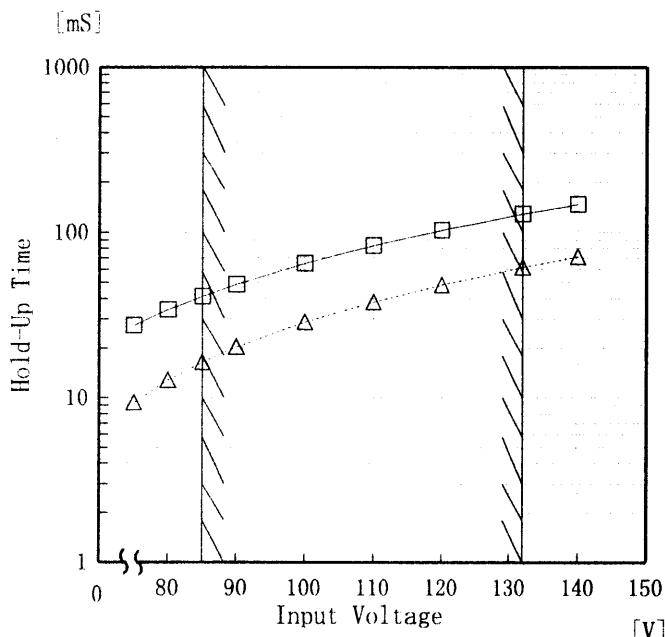
Object +15.0V 6.7A

Temperature 25°C
Testing Circuitry Figure A

1. Graph

□ Load 50%

—△— Load 100%



2. Values

Input Voltage [V]	Hold-Up Time [mS]	
	Load 50%	Load 100%
75	28	9
80	34	13
85	41	16
90	49	20
100	65	29
110	83	38
120	103	48
132	129	62
140	148	71

This duration covers from Shut-off of input voltage to the moment when output voltage descends to the rated range of voltage accuracy.

Note: Slanted line shows the range of the rated input voltage.

出力保持時間とは、入力電圧断から出力電圧が、定電圧精度の規格範囲を保持しているところまでの時間。

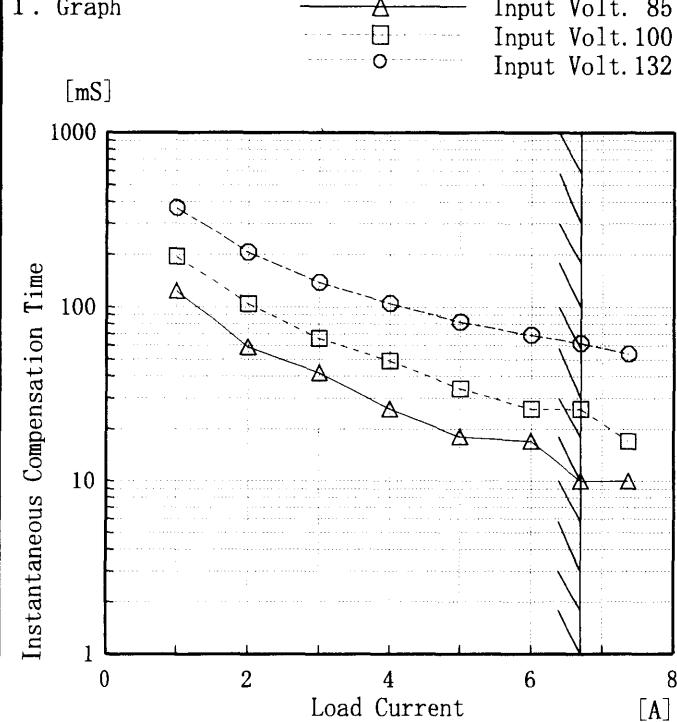
(注)斜線は定格入力電圧範囲を示す。

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Model	LDA100W-15
Item	Instantaneous Interruption Compensation 瞬時停電保障
Object	+15.0V 6.7A

Temperature 25°C
Testing Circuitry Figure A

1. Graph



This duration covers from Shut-off of input voltage to the moment when output voltage descends to the rated range of voltage accuracy.

Note: Slanted line shows the range of the rated load current.

瞬時停電保障時間とは、出力電圧が定電圧精度の規格範囲を保持している瞬時停電時間という。

(注)斜線は定格負荷電流範囲を示す。

2. Values

Load Current [A]	Time [mS]		
	Input Volt. 85[V]	Input Volt. 100[V]	Input Volt. 132[V]
0.00	—	—	—
1.00	124	196	372
2.00	59	104	206
3.00	42	66	139
4.00	26	49	105
5.00	18	34	82
6.00	17	26	69
6.70	10	26	62
7.37	10	17	54
—	—	—	—
—	—	—	—

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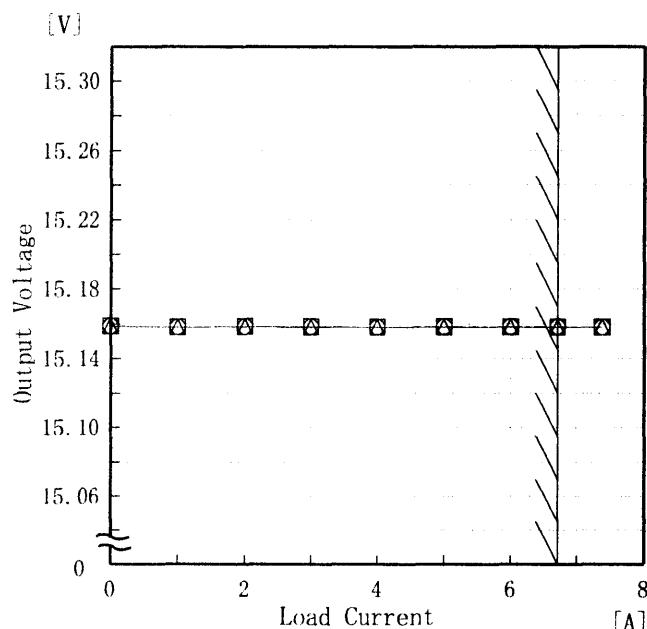
Model LDA100W-15

Item Load Regulation 静的負荷変動

Object +15.0V 6.7A

1. Graph

—△— Input Volt. 85 V
 □ Input Volt. 100 V
 ○ Input Volt. 132 V



Note: Slanted line shows the range of the rated load current.

(注)斜線は定格負荷電流範囲を示す。

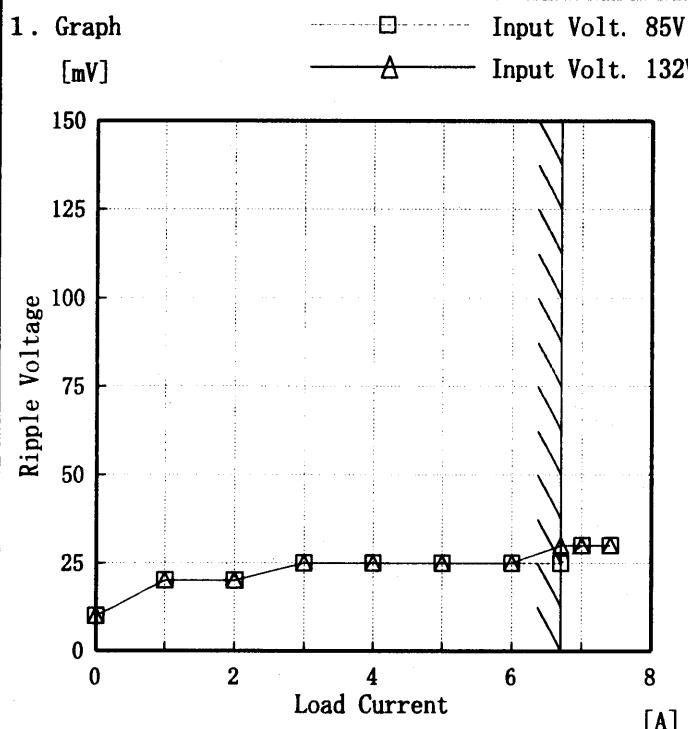
Temperature 25°C
 Testing Circuitry Figure A

2. Values

Load Current [A]	Output Voltage [V]		
	Input Volt. 85[V]	Input Volt. 100[V]	Input Volt. 132[V]
0.00	15.159	15.159	15.159
1.00	15.158	15.158	15.158
2.00	15.158	15.158	15.158
3.00	15.158	15.158	15.158
4.00	15.158	15.158	15.158
5.00	15.158	15.158	15.158
6.00	15.158	15.158	15.158
6.70	15.158	15.158	15.158
7.37	15.158	15.158	15.158
—	—	—	—

COSEL

Model	LDA100W-15
Item	Ripple Voltage(by Load Current) リップル電圧(負荷電流特性)
Object	+15.0V 6.7A

Temperature
Testing Circuitry 25°C
Figure A

2. Values

Load Current [A]	Input Volt. 85 [V]	Input Volt. 132 [V]
	Ripple Output Volt. [mV]	Ripple Output Volt. [mV]
0.00	10	10
1.00	20	20
2.00	20	20
3.00	25	25
4.00	25	25
5.00	25	25
6.00	25	25
6.70	25	30
7.00	30	30
7.40	30	30
—	—	—

Ripple Voltage is shown as p-p in the figure below.

Note: Slanted line shows the range of the rated load current.

リップル電圧は、下図 p - p 値で示される。

(注)斜線は定格負荷電流範囲を示す。

- T1: Due to AC Input Line
入力商用周期
- T2: Due to Switching
スイッチング周期

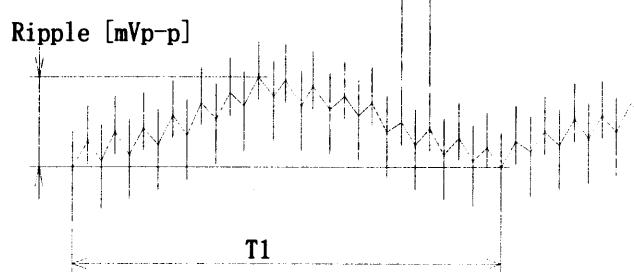


Fig. Complex Ripple Wave Form
図 リップル波形詳細図

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Model	LDA100W-15	Temperature Testing Circuitry 25°C Figure A																																						
Item	Ripple-Noise リップルノイズ																																							
Object	+15.0V 6.7A																																							
1. Graph	<p>□ Input Volt. 85V △ Input Volt. 132V</p> <table border="1"> <caption>Data extracted from Graph 1</caption> <thead> <tr> <th>Load Current [A]</th> <th>Ripple-Noise 85V [mV] (□)</th> <th>Ripple-Noise 132V [mV] (△)</th> </tr> </thead> <tbody> <tr><td>1.00</td><td>~35</td><td>~45</td></tr> <tr><td>2.00</td><td>~35</td><td>~50</td></tr> <tr><td>3.00</td><td>~40</td><td>~55</td></tr> <tr><td>4.00</td><td>~45</td><td>~60</td></tr> <tr><td>5.00</td><td>~45</td><td>~55</td></tr> <tr><td>6.00</td><td>~45</td><td>~55</td></tr> <tr><td>7.00</td><td>~50</td><td>~55</td></tr> <tr><td>7.40</td><td>~50</td><td>~55</td></tr> </tbody> </table>	Load Current [A]	Ripple-Noise 85V [mV] (□)	Ripple-Noise 132V [mV] (△)	1.00	~35	~45	2.00	~35	~50	3.00	~40	~55	4.00	~45	~60	5.00	~45	~55	6.00	~45	~55	7.00	~50	~55	7.40	~50	~55												
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7.40	~50	~55																																						
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		<table border="1"> <thead> <tr> <th rowspan="2">Load current [A]</th> <th>Input Volt. 85 [V]</th> <th>Input Volt. 132 [V]</th> </tr> <tr> <th>Ripple-Noise [mV]</th> <th>Ripple-Noise [mV]</th> </tr> </thead> <tbody> <tr><td>0.00</td><td>20</td><td>20</td></tr> <tr><td>1.00</td><td>35</td><td>40</td></tr> <tr><td>2.00</td><td>35</td><td>45</td></tr> <tr><td>3.00</td><td>40</td><td>50</td></tr> <tr><td>4.00</td><td>45</td><td>55</td></tr> <tr><td>5.00</td><td>45</td><td>55</td></tr> <tr><td>6.00</td><td>45</td><td>55</td></tr> <tr><td>6.70</td><td>50</td><td>55</td></tr> <tr><td>7.00</td><td>50</td><td>55</td></tr> <tr><td>7.40</td><td>50</td><td>55</td></tr> <tr><td>—</td><td>—</td><td>—</td></tr> </tbody> </table>	Load current [A]	Input Volt. 85 [V]	Input Volt. 132 [V]	Ripple-Noise [mV]	Ripple-Noise [mV]	0.00	20	20	1.00	35	40	2.00	35	45	3.00	40	50	4.00	45	55	5.00	45	55	6.00	45	55	6.70	50	55	7.00	50	55	7.40	50	55	—	—	—
Load current [A]	Input Volt. 85 [V]	Input Volt. 132 [V]																																						
	Ripple-Noise [mV]	Ripple-Noise [mV]																																						
0.00	20	20																																						
1.00	35	40																																						
2.00	35	45																																						
3.00	40	50																																						
4.00	45	55																																						
5.00	45	55																																						
6.00	45	55																																						
6.70	50	55																																						
7.00	50	55																																						
7.40	50	55																																						
—	—	—																																						
<p>Ripple-Noise is shown as p-p in the figure below. Note: Slanted line shows the range of the rated load current.</p> <p>リップルノイズは、下図 p-p 値で示される。 (注)斜線は定格負荷電流範囲を示す。</p> <p>T1: Due to AC Input Line T2: Due to Switching</p>																																								
<p>Fig. Complex Ripple Wave Form 図 リップル波形詳細図</p>																																								

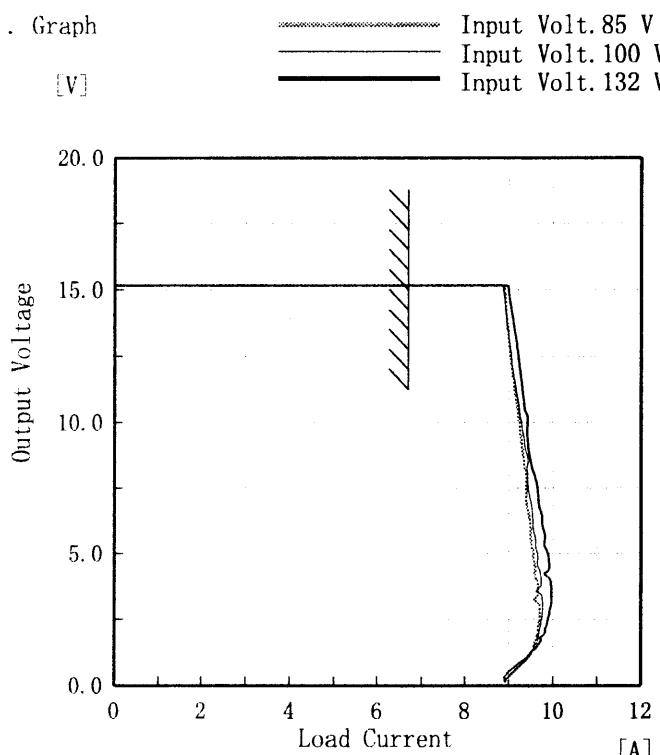
COSSEL

Model LDA100W-15

Item Overcurrent Protection
過電流保護

Object +15.0V 6.7A

1. Graph



Note: Slanted line shows the range of the rated load current.

(注)斜線は定格負荷電流範囲を示す。

Temperature 25°C
Testing Circuitry Figure A

2. Values

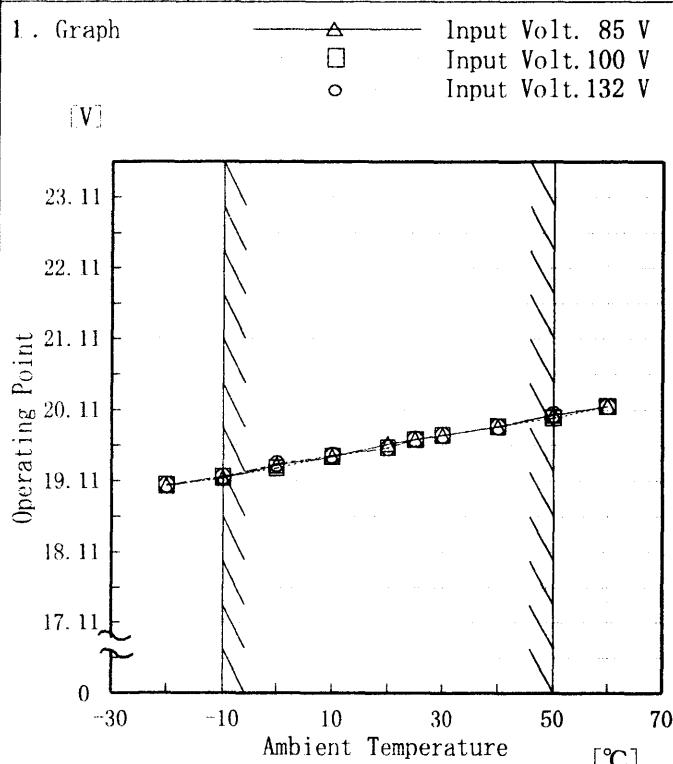
Output Voltage [V]	Load Current [A]		
	Input Volt. 85[V]	Input Volt. 100[V]	Input Volt. 132[V]
15.00	8.91	8.87	8.99
14.25	8.94	8.92	9.06
13.50	8.98	8.97	9.12
12.00	9.07	9.08	9.24
10.50	9.19	9.23	9.34
9.00	9.30	9.35	9.42
7.50	9.38	9.42	9.62
6.00	9.47	9.53	9.74
4.50	9.58	9.62	9.90
3.00	9.68	9.75	9.95
1.50	9.58	9.54	9.63
0.00	8.92	8.91	8.92

COSEL

Model	LDA100W-15
Item	Overvoltage Protection 過電圧保護
Object	+15.0V 6.7A

Testing Circuitry

Figure A



2. Values

Ambient Temperature [°C]	Operating Point [V]		
	Input Volt. 85[V]	Input Volt. 100[V]	Input Volt. 132[V]
-20	19.04	19.05	19.05
-10	19.15	19.17	19.17
0	19.33	19.29	19.35
10	19.45	19.46	19.47
20	19.63	19.58	19.58
25	19.69	19.69	19.70
30	19.75	19.76	19.76
40	19.87	19.88	19.88
50	20.04	20.00	20.05
60	20.16	20.16	20.16
—	—	—	—

Load 0%

Note: Slanted line shows the range of the rated ambient temperature.

(注)斜線は定格周囲温度範囲を示す。

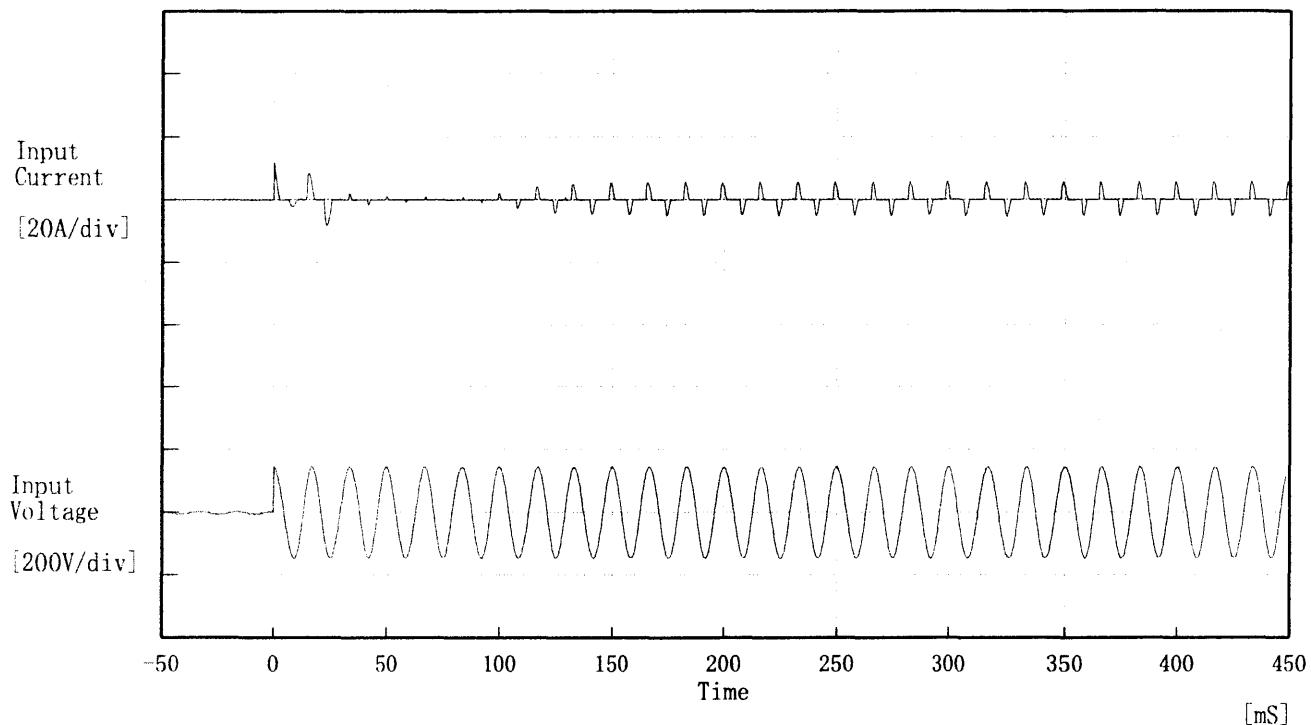
COSEL

Model LDA100W-15

Item Inrush Current 突入電流

Temperature 25°C
Testing Circuitry Figure A

Object



Input Voltage 100 V

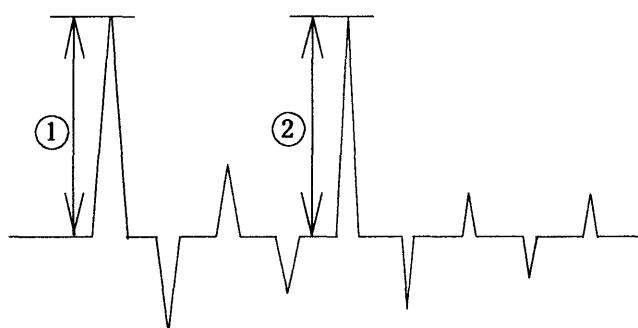
Frequency 60 Hz

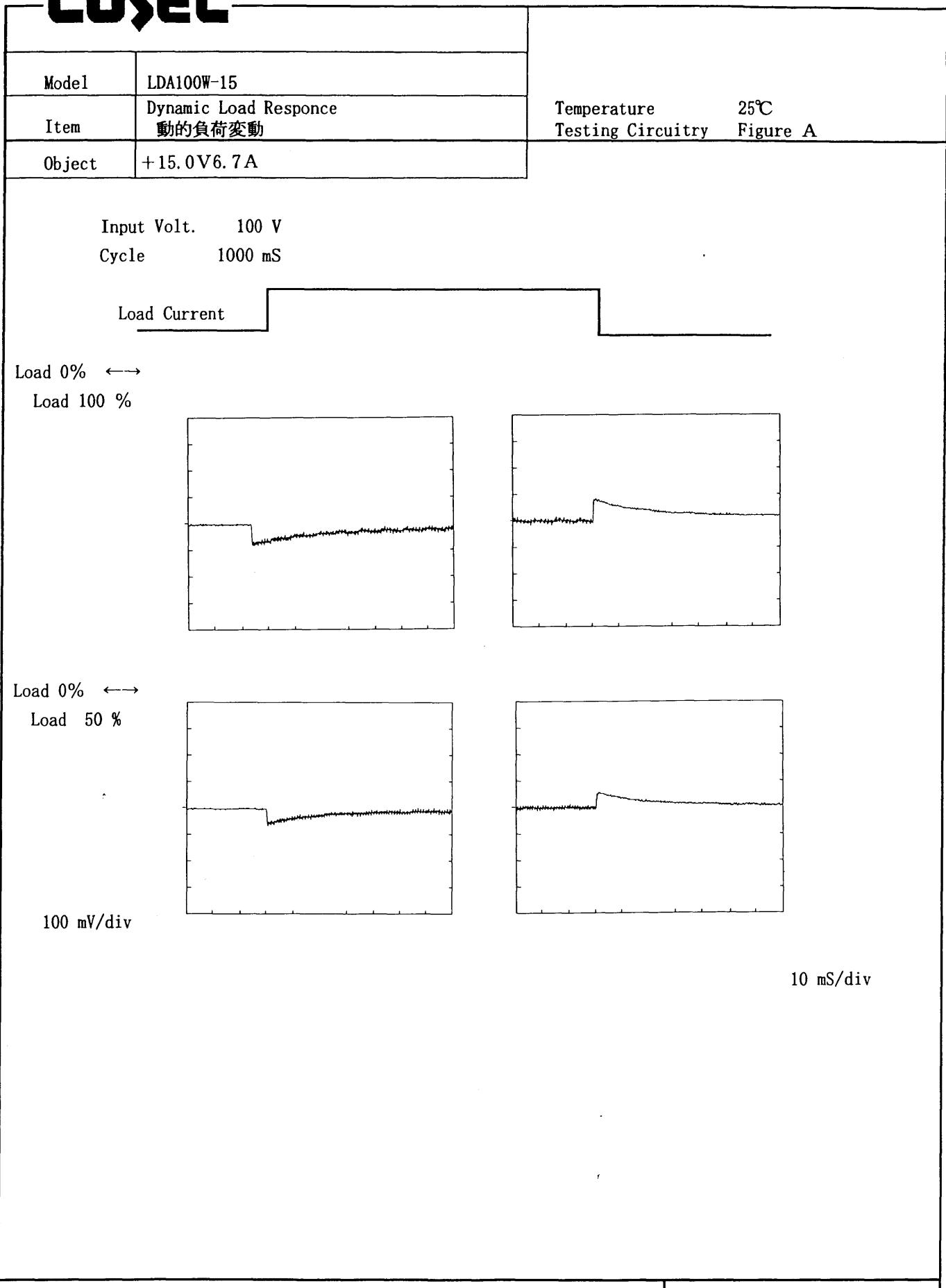
Load 100 %

Inrush Current

① 11.97 [A]

② 5.63 [A]



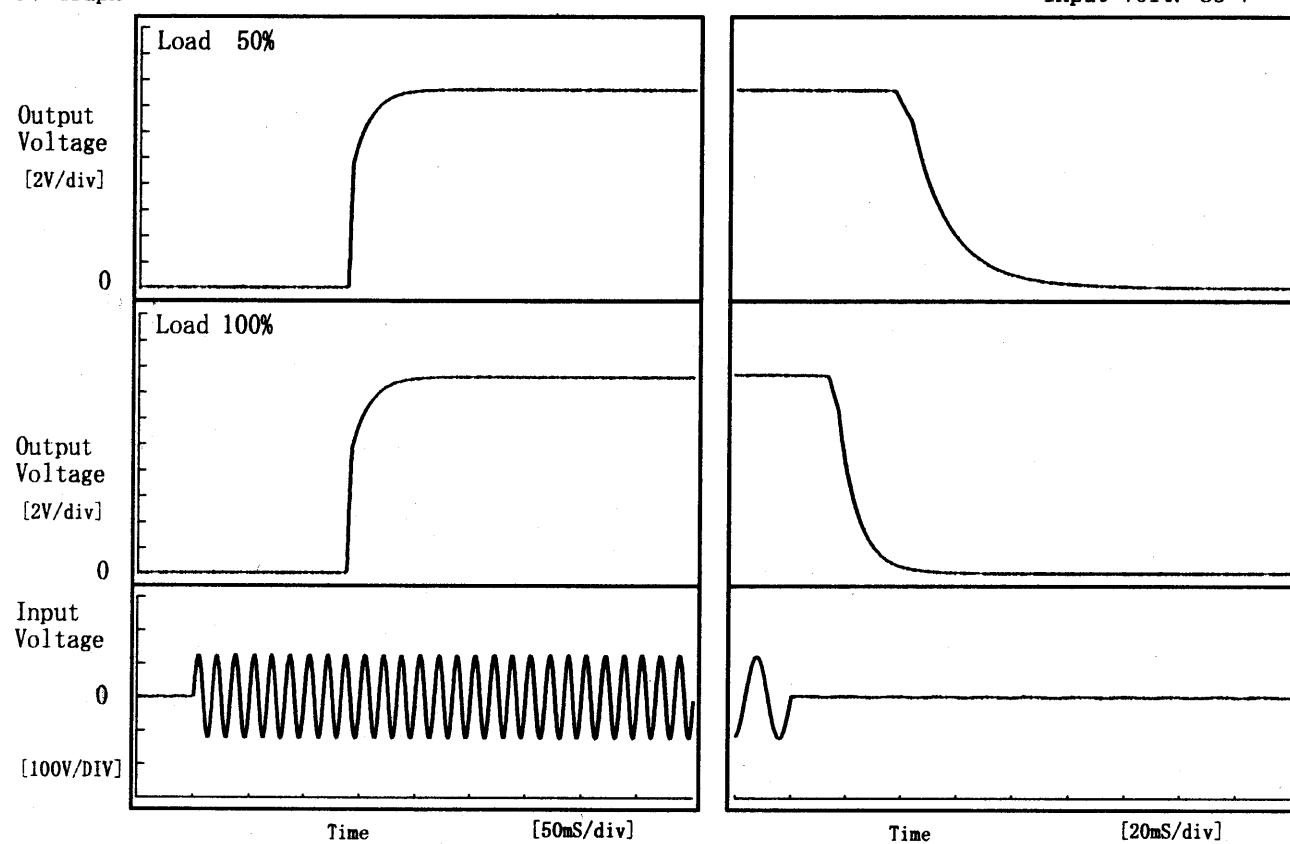
COSEL

COSEL

Model	LDA100W-15
Item	Rise and Fall Time 立上り、立下り時間
Object	+15.0V 6.7A

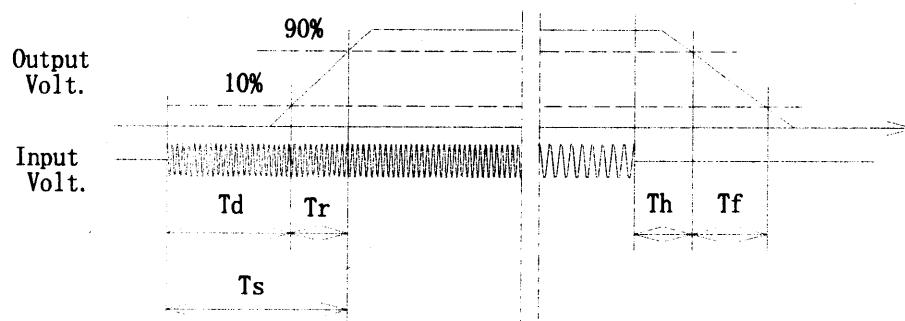
Temperature
Testing Circuitry 25°C
Figure A

1. Graph



2. Values

Load	Time	T _d	T _r	T _s	T _h	T _f	[mS]
50 %		138.3	21.8	160.0	41.4	32.7	
100 %		138.3	22.8	161.0	16.2	16.3	



COSEL

Model	LDA100W-15	Testing Circuitry Figure A																																																					
Item	Ambient Temperature Drift 周囲温度変動																																																						
Object	+ 15.0V 6.7A																																																						
1. Graph	<p>—△— Input Volt. 85V □ Input Volt. 100V ○ Input Volt. 132V</p> <p>Output Voltage [V]</p> <p>Ambient Temperature [°C]</p> <p>Load 100%</p>	2. Values																																																					
		<table border="1"> <thead> <tr> <th rowspan="2">Temperature [°C]</th> <th colspan="3">Output Voltage [V]</th> </tr> <tr> <th>Input Volt. 85[V]</th> <th>Input Volt. 100[V]</th> <th>Input Volt. 132[V]</th> </tr> </thead> <tbody> <tr><td>-20</td><td>15.169</td><td>15.169</td><td>15.169</td></tr> <tr><td>-10</td><td>15.166</td><td>15.166</td><td>15.166</td></tr> <tr><td>0</td><td>15.163</td><td>15.163</td><td>15.163</td></tr> <tr><td>10</td><td>15.159</td><td>15.160</td><td>15.160</td></tr> <tr><td>20</td><td>15.157</td><td>15.157</td><td>15.157</td></tr> <tr><td>25</td><td>15.158</td><td>15.158</td><td>15.158</td></tr> <tr><td>30</td><td>15.159</td><td>15.159</td><td>15.159</td></tr> <tr><td>40</td><td>15.153</td><td>15.153</td><td>15.153</td></tr> <tr><td>50</td><td>15.146</td><td>15.146</td><td>15.146</td></tr> <tr><td>60</td><td>15.137</td><td>15.137</td><td>15.137</td></tr> <tr><td>—</td><td>—</td><td>—</td><td>—</td></tr> </tbody> </table>			Temperature [°C]	Output Voltage [V]			Input Volt. 85[V]	Input Volt. 100[V]	Input Volt. 132[V]	-20	15.169	15.169	15.169	-10	15.166	15.166	15.166	0	15.163	15.163	15.163	10	15.159	15.160	15.160	20	15.157	15.157	15.157	25	15.158	15.158	15.158	30	15.159	15.159	15.159	40	15.153	15.153	15.153	50	15.146	15.146	15.146	60	15.137	15.137	15.137	—	—	—	—
Temperature [°C]	Output Voltage [V]																																																						
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-10	15.166	15.166	15.166																																																				
0	15.163	15.163	15.163																																																				
10	15.159	15.160	15.160																																																				
20	15.157	15.157	15.157																																																				
25	15.158	15.158	15.158																																																				
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—	—	—	—																																																				

Note: Slanted line shows the range of the rated ambient temperature.

(注)斜線は定格周囲温度範囲を示す。

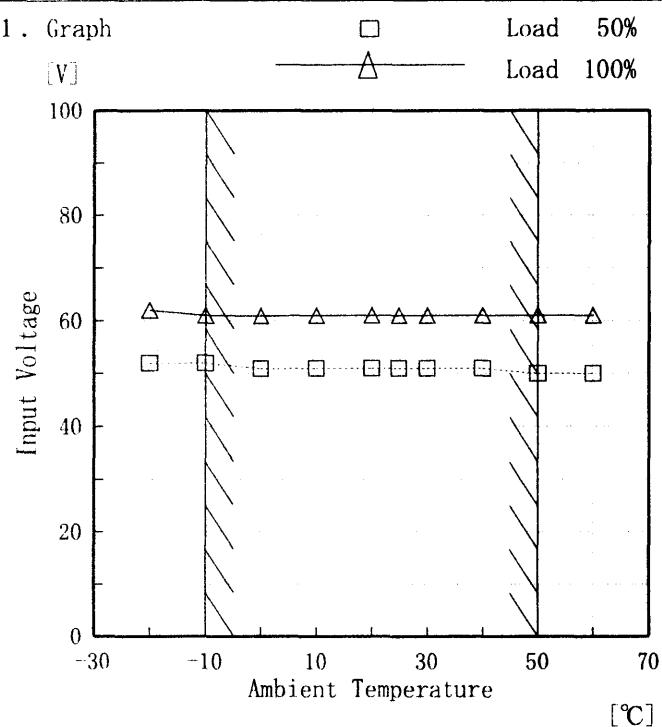
COSSEL

Model LDA100W-15

Item Minimum Input Voltage for Regulated Output Voltage
最低レギュレーション電圧

Object +15.0V 6.7A

1. Graph



Note: Slanted line shows the range of the rated ambient temperature.

(注)斜線は定格周囲温度範囲を示す。

Testing Circuitry Figure A

2. Values

Ambient Temperature [°C]	Input Voltage [V]	
	Load 50%	Load 100%
-20	52	62
-10	52	61
0	51	61
10	51	61
20	51	61
25	51	61
30	51	61
40	51	61
50	50	61
60	50	61
—	—	—

COSEL

Model	LDA100W-15																																						
Item	Ripple Voltage (by Ambient Temp.) リップル電圧 (周囲温度特性)	Testing Circuitry																																					
Object	+15.0V 6.7A	Figure A																																					
1. Graph																																							
<p>[mV]</p> <p>Load 50% □</p> <p>Load 100% △</p> <p>Ambient Temperature [°C]</p> <p>Input Volt. 100 V</p>		2. Values																																					
<table border="1"> <thead> <tr> <th>Ambient Temp. [°C]</th> <th>Load 50% Ripple Output Volt. [mV]</th> <th>Load 100% Ripple Output Volt. [mV]</th> </tr> </thead> <tbody> <tr><td>-20</td><td>40</td><td>50</td></tr> <tr><td>-10</td><td>35</td><td>40</td></tr> <tr><td>0</td><td>25</td><td>30</td></tr> <tr><td>10</td><td>25</td><td>30</td></tr> <tr><td>20</td><td>20</td><td>25</td></tr> <tr><td>25</td><td>20</td><td>25</td></tr> <tr><td>30</td><td>20</td><td>25</td></tr> <tr><td>40</td><td>20</td><td>25</td></tr> <tr><td>50</td><td>20</td><td>25</td></tr> <tr><td>60</td><td>20</td><td>25</td></tr> <tr><td>—</td><td>—</td><td>—</td></tr> </tbody> </table>				Ambient Temp. [°C]	Load 50% Ripple Output Volt. [mV]	Load 100% Ripple Output Volt. [mV]	-20	40	50	-10	35	40	0	25	30	10	25	30	20	20	25	25	20	25	30	20	25	40	20	25	50	20	25	60	20	25	—	—	—
Ambient Temp. [°C]	Load 50% Ripple Output Volt. [mV]	Load 100% Ripple Output Volt. [mV]																																					
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—	—	—																																					

COSEL

Model	LDA100W-15	Temperature Testing Circuitry	25°C Figure A																						
Item	Time Lapse Drift 経時ドリフト																								
Object	+15.0V 6.7A																								
1. Graph			2. Values																						
<p>[V]</p> <p>Output Voltage [V]</p> <p>Time [H]</p> <p>Input Volt. 100V Load 100%</p>			<table border="1"> <thead> <tr> <th>Time since start [H]</th> <th>Output Voltage [V]</th> </tr> </thead> <tbody> <tr><td>0.0</td><td>15.159</td></tr> <tr><td>0.5</td><td>15.159</td></tr> <tr><td>1.0</td><td>15.159</td></tr> <tr><td>2.0</td><td>15.159</td></tr> <tr><td>3.0</td><td>15.159</td></tr> <tr><td>4.0</td><td>15.159</td></tr> <tr><td>5.0</td><td>15.159</td></tr> <tr><td>6.0</td><td>15.159</td></tr> <tr><td>7.0</td><td>15.158</td></tr> <tr><td>8.0</td><td>15.159</td></tr> </tbody> </table>	Time since start [H]	Output Voltage [V]	0.0	15.159	0.5	15.159	1.0	15.159	2.0	15.159	3.0	15.159	4.0	15.159	5.0	15.159	6.0	15.159	7.0	15.158	8.0	15.159
Time since start [H]	Output Voltage [V]																								
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5.0	15.159																								
6.0	15.159																								
7.0	15.158																								
8.0	15.159																								



Model	LDA100W-15	Testing Circuitry Figure A
Item	Output Voltage Accuracy 定電圧精度	
Object	+15.0V 6.7A	

Output Voltage Accuracy

This is defined as the value of the output voltage, regulation load, ambient temperature and input voltage varied at random in the range as specified below.

Temperature : -10~50 °C

Input Voltage : 85~132 V

Load Current : 0~6.7 A

* Output Voltage Accuracy = ±(Maximum of Output Voltage — Minimum of Output Voltage) / 2

$$* \text{ Output Voltage Accuracy (Ration)} = \frac{\text{Output Voltage Accuracy}}{\text{Rated Output Voltage}} \times 100$$

定電圧精度

周囲温度、入力電圧、負荷電流を下記仕様内で、任意に変動させたときの出力電圧の変動をいう。

周囲温度 -10~50 °C

入力電圧 85~132 V

負荷電流 0~6.7 A

* 定電圧精度(変動値) = ±(出力電圧の最高値—出力電圧の最低値) / 2

$$* \text{ 定電圧精度(変動率)} = \frac{\text{変動値}}{\text{定格出力電圧}} \times 100$$

Item	Temperature [°C]	Input Voltage [V]	Output Current [A]	Output Voltage [V]	Output Voltage Accuracy [mV]	Output Voltage Accuracy(Ration) [%]
Maximum Voltage	-10	85	0.0	15.167	±11	±0.1
Minimum Voltage	50	132	6.7	15.146		



Model	LDA100W-15		
Item	Condensation 結露特性	Testing Circuitry	Figure A
Object	+15.0V 6.7A		

1. Condensation test

Testing procedure is as follows.

- ① Keeping and cooling the unit in a tank at -10°C for an hour with the input off.
- ② Taking it out of the tank and dewing itself in a room where the temperature is 25°C and the humidity is 40%RH.
- ③ Testing electrical characteristics of the unit to confirm there be no fault.

1. 結露特性試験

入力を切った状態で、恒温槽で-10°Cに冷却しておき、約1時間後に恒温槽から取り出し、室温25°C、湿度40%RHの状態におき結露させ、その電気的特性の測定を行い、異常のないことを確認する。

2. Values

Item	Data	Testing Conditions
Output Voltage [V]	15.16	Input Volt.: 100V, Load Current: 6.7A
Line Regulation [mV]	2	Input Volt.: 85~132V, Load Current: 6.7A
Load Regulation [mV]	3	Input Volt.: 100V, Load Current: 0~6.7A



Model	LDA100W-15	Temperature	25°C
Item	Leakage Current 漏洩電流	Testing Circuitry	Figure B
Object	<hr/>		

1. Results

Standards	Leakage Current [mA]		
	Input Volt. 85 [V]	Input Volt. 100 [V]	Input Volt. 132 [V]
(A) DENTORI	0.20	0.27	0.38
(B) IEC60950	0.23	0.27	0.38

2. Condition

Leakage current value is concluded after measuring both phases of AC input and by choosing the larger one.

交流入力の両相について測定し、その大きい方を漏洩電流測定値とする。

Standards	Leakage Current [mA]		
	Input Volt. 170 [V]	Input Volt. 230 [V]	Input Volt. 264 [V]
(B) IEC60950	—	—	—



Model	LDA100W-15	Temperature Testing Circuitry	25°C Figure C
Item	Line Noise Tolerance 入力雑音耐量		
Object	+15.0V 6.7A		

1. Results

Pulse Width [nS]	MODE	No protection failure should occur 保護回路の誤動作がない	DC-like Regulation of Output Voltage 出力電圧の直流的変動
50	COMMON	OK	no fluctuation
	NORMAL	OK	no fluctuation
1000	COMMON	OK	no fluctuation
	NORMAL	OK	no fluctuation

2. Conditions

Input Voltage : 100 V
 Pulse Voltage : 2000 V
 Pulse Cycle : 10 mS
 Pulse Input Duration : 1 min. or more
 Load : 100 %

COSEL

Model	LDA100W-15	Temperature Testing Circuitry	25°C Figure D
Item	Conducted Emission 雜音端子電圧		
Object	_____		

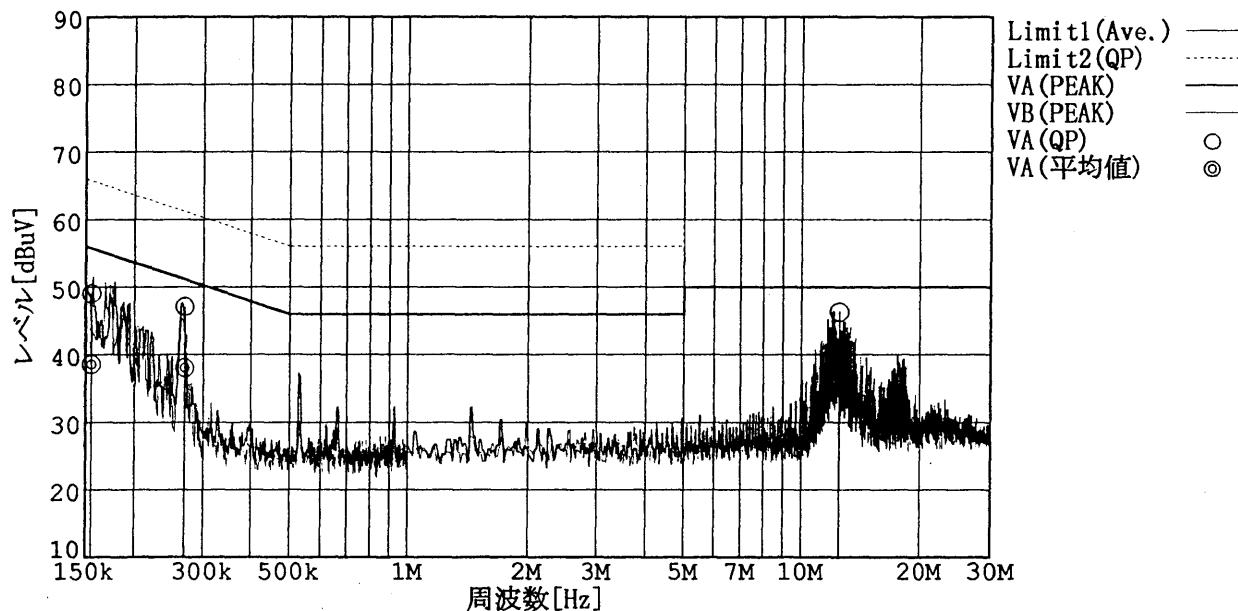
1. Graph

Remarks

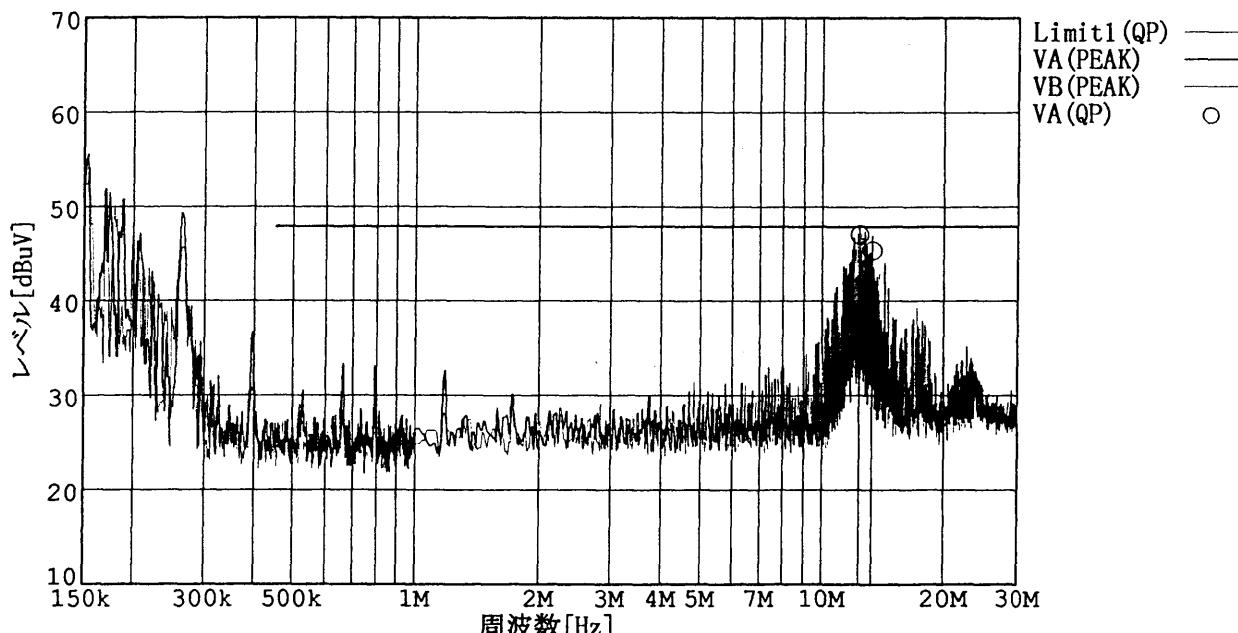
Input Volt. 100 V (VCCI Class B)
120 V (FCC Class B)

Load 100 %

規格 1 : [VCCI] Class B(平均値)
規格 2 : [VCCI] Class B(QP)



規格 1 : [FCC Part15] Class B



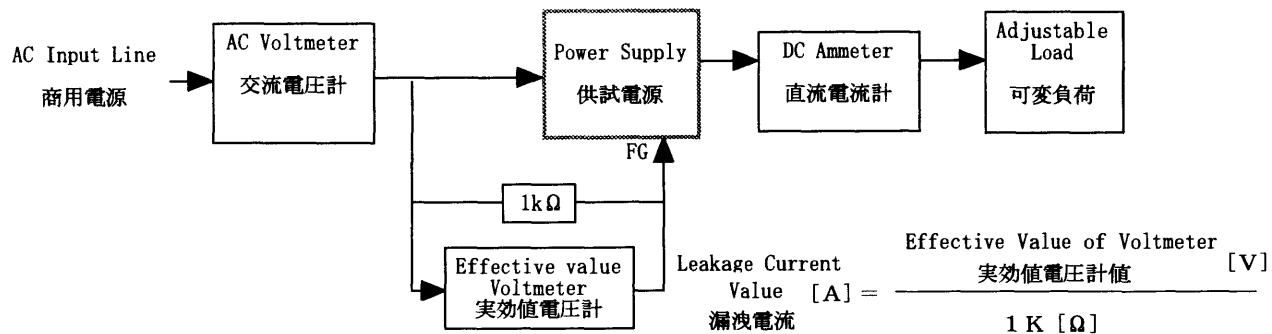
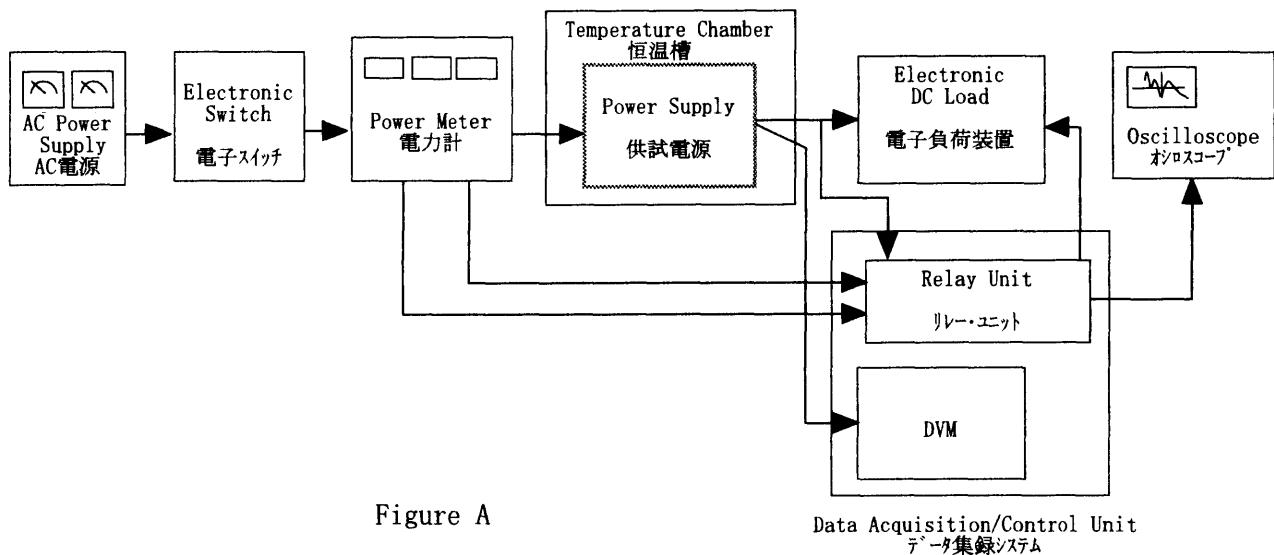


Figure B (DENTORI)

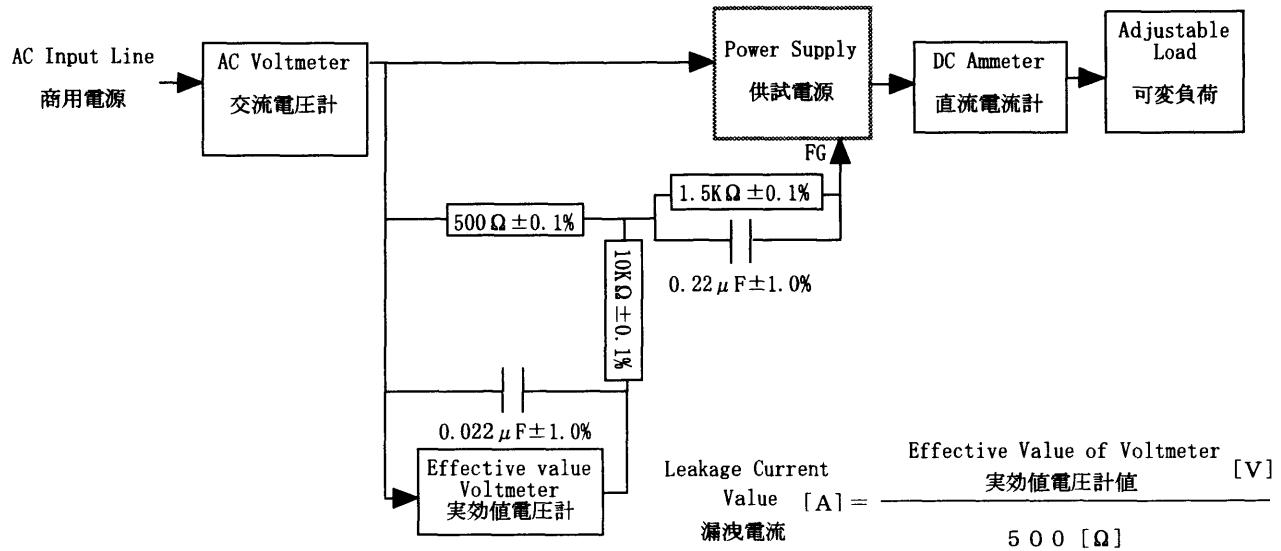


Figure B (IEC 60950)

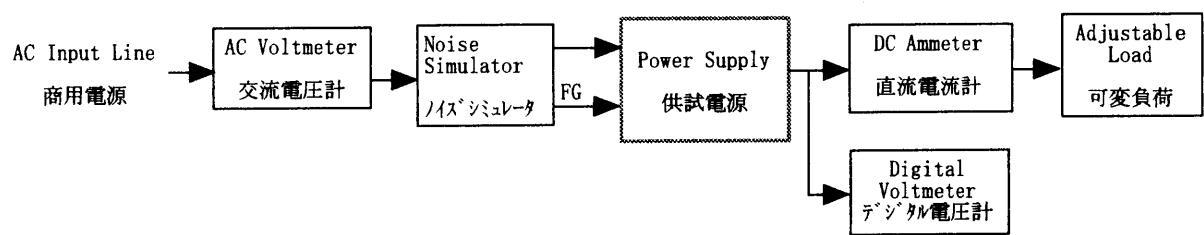


Figure C

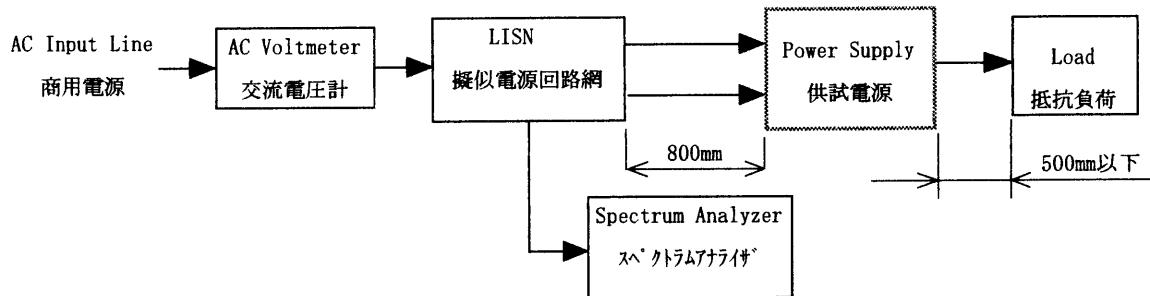


Figure D

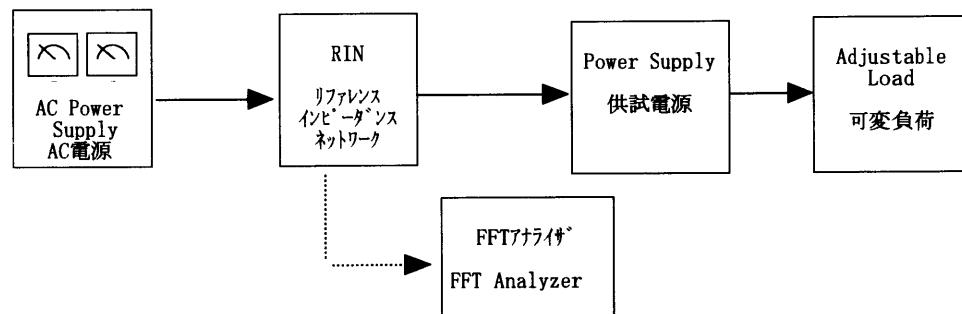


Figure E