



TEST DATA OF LDA100W-12

(200V INPUT)

Regulated DC Power Supply

Aug. 13, 1999

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Design Manager

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Design Engineer

コーセル株式会社
COSEL CO., LTD.

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Model		LDA100W-12		Temperature		25°C																																	
Item		Line Regulation 静的入力変動		Testing Circuitry		Figure A																																	
Object		+12.0V8.5A																																					
1. Graph				2. Values																																			
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280	77.0	81.0																																	

COSEL

Model		LDA100W-12	Temperature 25°C Testing Circuitry Figure A																																																							
Item		Efficiency (by Load Current) 効率 (負荷電流特性)																																																								
Output		_____																																																								
1. Graph		<div> <div>△</div> Input Volt. 170V <div>□</div> Input Volt. 200V <div>○</div> Input Volt. 264V </div> <p>Efficiency [%]</p> <p>Load Current [A]</p>	2. Values																																																							
			<table> <tr> <th rowspan="2">Load Current [A]</th><th colspan="3">Efficiency [%]</th></tr> <tr> <th>Input Volt. 170[V]</th><th>Input Volt. 200[V]</th><th>Input Volt. 264[V]</th></tr> <tr><td>1.50</td><td>74.0</td><td>70.8</td><td>64.4</td></tr> <tr><td>3.00</td><td>80.4</td><td>78.7</td><td>74.8</td></tr> <tr><td>4.50</td><td>82.6</td><td>81.6</td><td>78.9</td></tr> <tr><td>6.00</td><td>83.5</td><td>82.9</td><td>81.0</td></tr> <tr><td>7.50</td><td>83.9</td><td>83.5</td><td>82.1</td></tr> <tr><td>8.50</td><td>83.8</td><td>83.7</td><td>82.1</td></tr> <tr><td>9.35</td><td>83.8</td><td>83.7</td><td>82.9</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> <tr><td>—</td><td>—</td><td>—</td><td>—</td></tr> </table>	Load Current [A]	Efficiency [%]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	1.50	74.0	70.8	64.4	3.00	80.4	78.7	74.8	4.50	82.6	81.6	78.9	6.00	83.5	82.9	81.0	7.50	83.9	83.5	82.1	8.50	83.8	83.7	82.1	9.35	83.8	83.7	82.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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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。

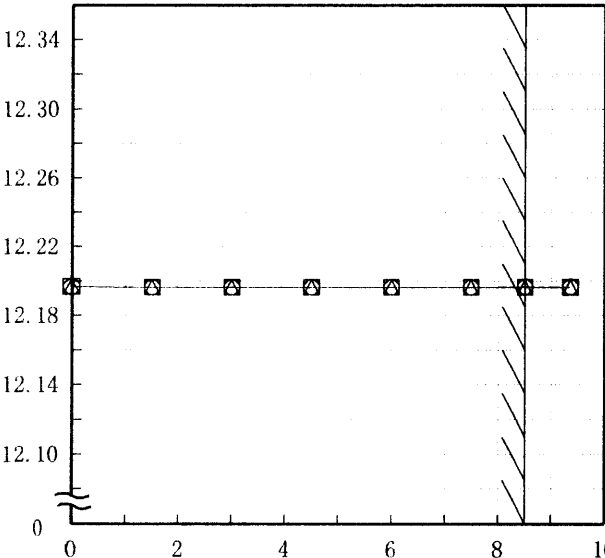
COSEL

Model LDA100W-12		Temperature 25°C Testing Circuitry Figure A																																
Item	Hold-Up Time 出力保持時間																																	
Object	+12.0V8.5A																																	
<p>1. Graph</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">□ Load 50%</div> <div style="text-align: center;">—△— Load 100%</div> </div> <p>Hold-Up Time [mS]</p> <p>Input Voltage [V]</p>		<p>2. Values</p> <table border="1"> <thead> <tr> <th rowspan="2">Input Voltage [V]</th><th colspan="2">Hold-Up Time [mS]</th></tr> <tr> <th>Load 50%</th><th>Load 100%</th></tr> </thead> <tbody> <tr><td>150</td><td>29</td><td>13</td></tr> <tr><td>160</td><td>35</td><td>16</td></tr> <tr><td>170</td><td>41</td><td>19</td></tr> <tr><td>180</td><td>48</td><td>23</td></tr> <tr><td>200</td><td>63</td><td>31</td></tr> <tr><td>220</td><td>80</td><td>40</td></tr> <tr><td>240</td><td>98</td><td>49</td></tr> <tr><td>264</td><td>121</td><td>62</td></tr> <tr><td>280</td><td>138</td><td>71</td></tr> </tbody> </table>	Input Voltage [V]	Hold-Up Time [mS]		Load 50%	Load 100%	150	29	13	160	35	16	170	41	19	180	48	23	200	63	31	220	80	40	240	98	49	264	121	62	280	138	71
Input Voltage [V]	Hold-Up Time [mS]																																	
	Load 50%	Load 100%																																
150	29	13																																
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220	80	40																																
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<p>This duration covers from Shut-off of input voltage to the moment when output voltage descends to the rated range of voltage accuracy.</p> <p>Note: Slanted line shows the range of the rated input voltage.</p> <p>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。</p> <p>(注)斜線は定格入力電圧範囲を示す。</p>																																		

COSEL

Model		LDA100W-12		Temperature		25℃																																																				
Item		Instantaneous Interruption Compensation 瞬時停電保障		Testing Circuitry		Figure A																																																				
Object		+12.0V8.5A																																																								
1. Graph				2. Values																																																						
<div><div>—△—</div><div>---□---</div><div>---○---</div></div> <div>Input Volt. 170 V</div> <div>Input Volt. 200 V</div> <div>Input Volt. 264 V</div> <div><div>Instantaneous Compensation Time [mS]</div><div><div>1000</div><div>100</div><div>10</div><div>1</div></div><div><div>0</div><div>2</div><div>4</div><div>6</div><div>8</div><div>10</div></div><div>Load Current [A]</div></div> <div><div>This duration covers from Shut-off of input voltage to the moment when output voltage descends to the rated range of voltage accuracy.</div><div>Note:Slanted line shows the range of the rated load current.</div></div> <div><div>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をいう。</div><div>(注)斜線は定格負荷電流範囲を示す。</div></div>				<table><tr><th rowspan="2">Load Current [A]</th><th colspan="3">Time [mS]</th></tr><tr><th>Input Volt. 170 [V]</th><th>Input Volt. 200 [V]</th><th>Input Volt. 264 [V]</th></tr><tr><td>0.00</td><td>—</td><td>—</td><td>—</td></tr><tr><td>1.50</td><td>106</td><td>167</td><td>317</td></tr><tr><td>3.00</td><td>56</td><td>89</td><td>173</td></tr><tr><td>4.50</td><td>38</td><td>59</td><td>118</td></tr><tr><td>6.00</td><td>28</td><td>44</td><td>89</td></tr><tr><td>7.50</td><td>21</td><td>34</td><td>70</td></tr><tr><td>8.50</td><td>18</td><td>30</td><td>62</td></tr><tr><td>9.35</td><td>14</td><td>27</td><td>56</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]	Time [mS]			Input Volt. 170 [V]	Input Volt. 200 [V]	Input Volt. 264 [V]	0.00	—	—	—	1.50	106	167	317	3.00	56	89	173	4.50	38	59	118	6.00	28	44	89	7.50	21	34	70	8.50	18	30	62	9.35	14	27	56	—	—	—	—	—	—	—	—	—	—	—	—
Load Current [A]	Time [mS]																																																									
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COSEL

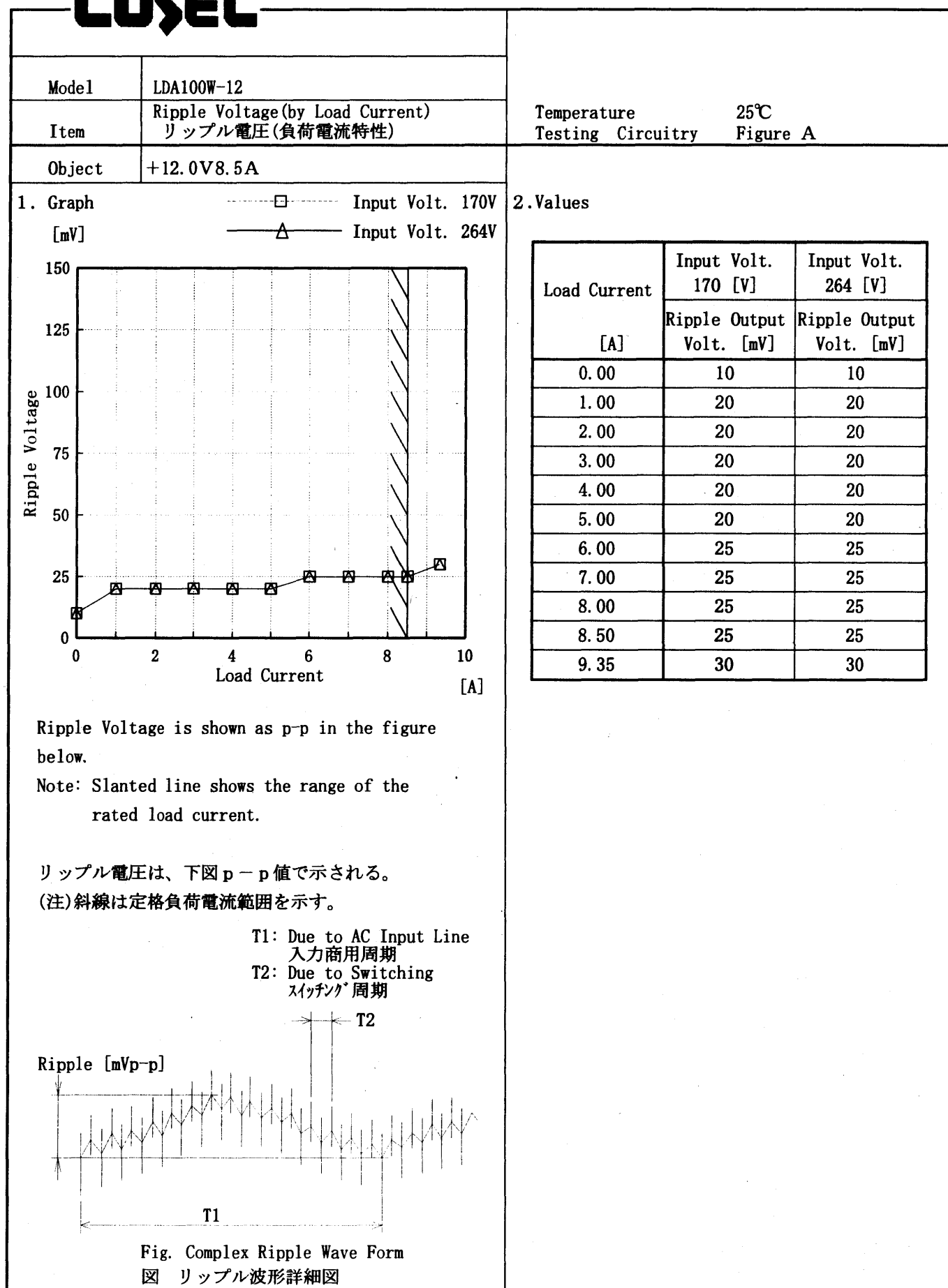
COSEL			
Model	LDA100W-12		
Item	Load Regulation 静的負荷変動		
Object	+12.0V8.5A		
1. Graph	<div><div>△</div> Input Volt.170 V</div> <div><div>□</div> Input Volt.200 V</div> <div><div>○</div> Input Volt.264 V</div> <div><div><div>Output Voltage [V]</div><div><div>Load Current [A]</div></div></div></div>		
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℃
Testing Circuitry	Figure A

2. Values

Load Current [A]	Output Voltage [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
0.00	12.197	12.197	12.197
1.50	12.196	12.196	12.196
3.00	12.196	12.196	12.196
4.50	12.196	12.196	12.197
6.00	12.196	12.196	12.197
7.50	12.196	12.196	12.196
8.50	12.196	12.197	12.197
9.35	12.196	12.196	12.197
—	—	—	—
—	—	—	—

COSEL



COSEL

Model		LDA100W-12	
Item		Ripple-Noise リップルノイズ	
Object		+12.0V8.5A	
1. Graph		2. Values	

-----□----- Input Volt. 170V
-----△----- Input Volt. 264V

[mV]

Ripple-Noise

Load Current [A]

Ripple-Noise is shown as p-p in the figure below.
Note: Slanted line shows the range of the rated load current.

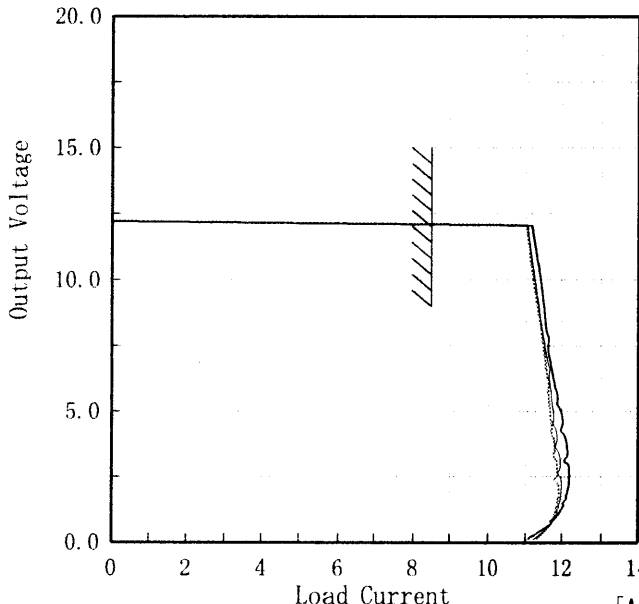
リップルノイズは、下図 p - p 値で示される。
(注)斜線は定格負荷電流範囲を示す。

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

Load current [A]	Input Volt. 170 [V]	Input Volt. 264 [V]
	Ripple-Noise [mV]	Ripple-Noise [mV]
0.00	20	20
1.00	30	40
2.00	30	40
3.00	35	40
4.00	35	45
5.00	40	50
6.00	40	50
7.00	40	50
8.00	45	50
8.50	45	50
9.35	45	50

COSEL

Model		LDA100W-12	Temperature25℃ Testing CircuitryFigure A																																																							
Item		Overcurrent Protection 過電流保護																																																								
Object		+12.0V8.5A																																																								
1. Graph																																																										
[V]		<div><div></div>Input Volt. 170 V</div> <div><div></div>Input Volt. 200 V</div> <div><div></div>Input Volt. 264 V</div>	2. Values																																																							
		<table><tr><th rowspan="2">Output Voltage [V]</th><th colspan="3">Load Current [A]</th></tr><tr><th>Input Volt. 170[V]</th><th>Input Volt. 200[V]</th><th>Input Volt. 264[V]</th></tr><tr><td>12.00</td><td>11.03</td><td>11.02</td><td>11.14</td></tr><tr><td>11.40</td><td>11.07</td><td>11.08</td><td>11.21</td></tr><tr><td>10.80</td><td>11.11</td><td>11.13</td><td>11.28</td></tr><tr><td>9.60</td><td>11.22</td><td>11.26</td><td>11.41</td></tr><tr><td>8.40</td><td>11.36</td><td>11.38</td><td>11.50</td></tr><tr><td>7.20</td><td>11.48</td><td>11.53</td><td>11.59</td></tr><tr><td>6.00</td><td>11.61</td><td>11.65</td><td>11.79</td></tr><tr><td>4.80</td><td>11.66</td><td>11.76</td><td>11.99</td></tr><tr><td>3.60</td><td>11.79</td><td>11.81</td><td>12.14</td></tr><tr><td>2.40</td><td>11.77</td><td>11.98</td><td>12.20</td></tr><tr><td>1.20</td><td>11.84</td><td>11.85</td><td>11.97</td></tr><tr><td>0.00</td><td>11.25</td><td>11.18</td><td>11.07</td></tr></table>		Output Voltage [V]	Load Current [A]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	12.00	11.03	11.02	11.14	11.40	11.07	11.08	11.21	10.80	11.11	11.13	11.28	9.60	11.22	11.26	11.41	8.40	11.36	11.38	11.50	7.20	11.48	11.53	11.59	6.00	11.61	11.65	11.79	4.80	11.66	11.76	11.99	3.60	11.79	11.81	12.14	2.40	11.77	11.98	12.20	1.20	11.84	11.85	11.97	0.00	11.25	11.18	11.07
Output Voltage [V]	Load Current [A]																																																									
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Output Voltage [V]	Load Current [A]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
12.00	11.03	11.02	11.14
11.40	11.07	11.08	11.21
10.80	11.11	11.13	11.28
9.60	11.22	11.26	11.41
8.40	11.36	11.38	11.50
7.20	11.48	11.53	11.59
6.00	11.61	11.65	11.79
4.80	11.66	11.76	11.99
3.60	11.79	11.81	12.14
2.40	11.77	11.98	12.20
1.20	11.84	11.85	11.97
0.00	11.25	11.18	11.07

COSEL

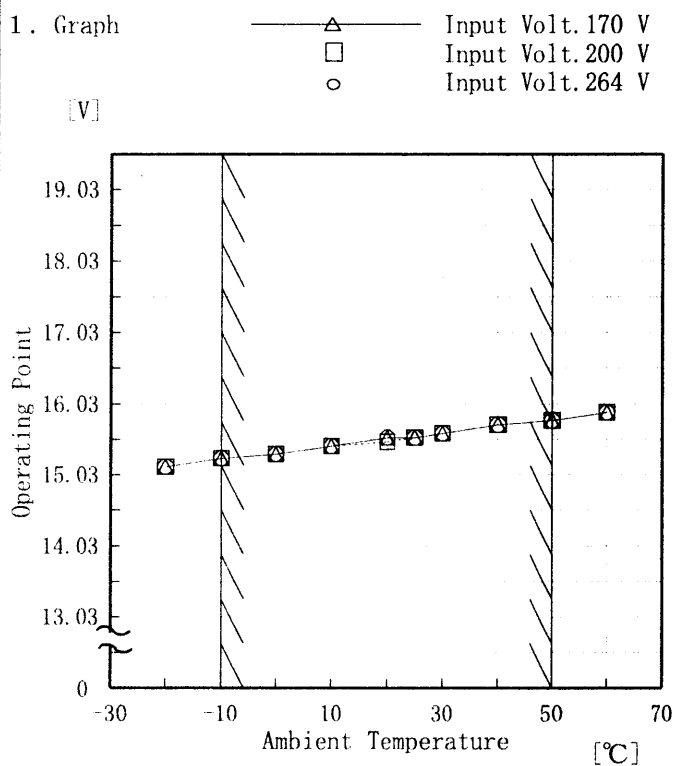
Model LDA100W-12

Item Overvoltage Protection
過電圧保護

Object +12.0V8.5A

Testing Circuitry Figure A

1. Graph



Load 0%

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

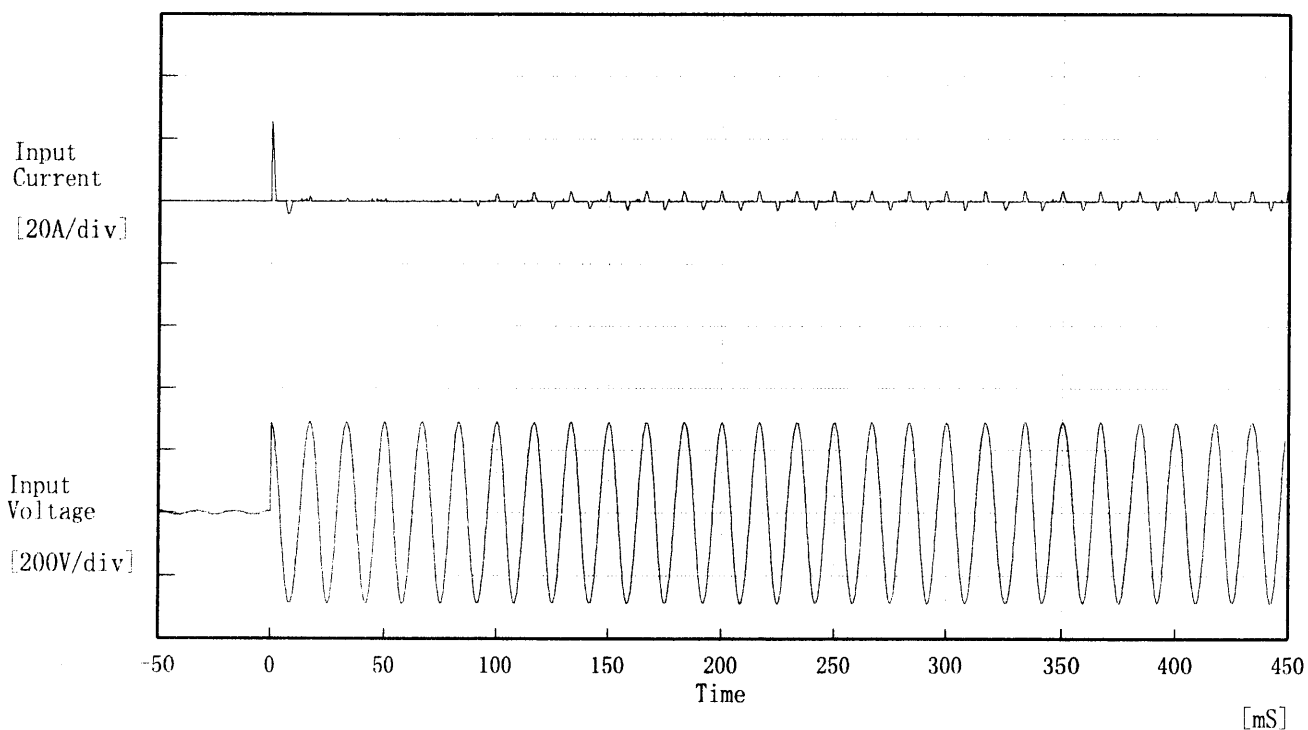
(注)斜線は定格周囲温度範囲を示す。

2. Values

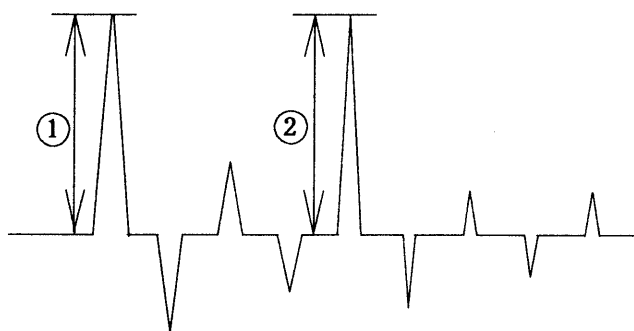
Ambient Temperature [°C]	Operating Point [V]		
	Input Volt. 170 [V]	Input Volt. 200 [V]	Input Volt. 264 [V]
-20	15.14	15.14	15.14
-10	15.26	15.26	15.26
0	15.32	15.32	15.32
10	15.44	15.44	15.44
20	15.56	15.50	15.56
25	15.56	15.56	15.56
30	15.62	15.62	15.62
40	15.74	15.74	15.74
50	15.80	15.80	15.80
60	15.91	15.91	15.91
—	—	—	—

COSEL

Model	LDA100W-12	Temperature 25°C Testing Circuitry Figure A
Item	Inrush Current 突入電流	
Object		



Input Voltage 200 V
Frequency 60 Hz
Load 100 %
Inrush Current
① 25.58 [A]
② 3.18 [A]



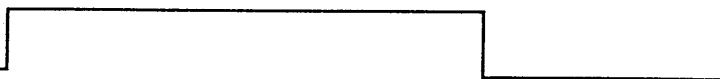
COSEL

Model	LDA100W-12	Temperature 25°C Testing Circuitry Figure A
Item	Dynamic Load Responce 動的負荷変動	
Object	+12.0V8.5A	

Input Volt. 200 V

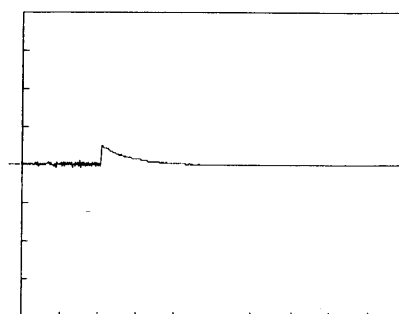
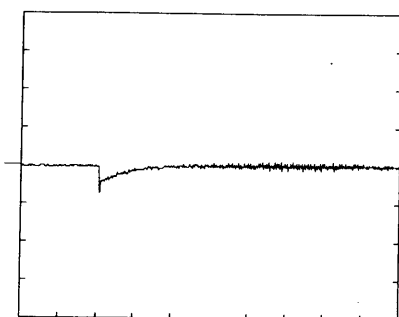
Cycle 1000 mS

Load Current



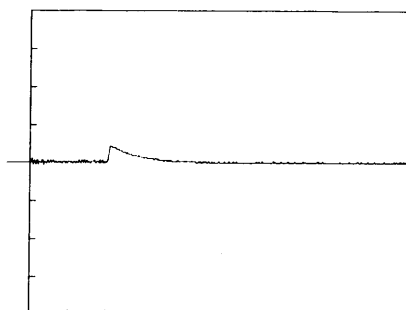
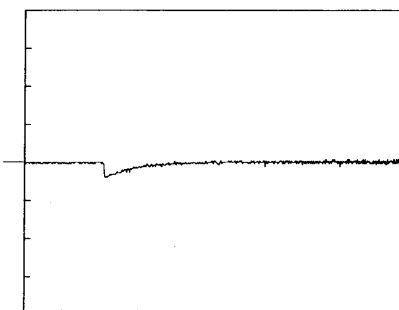
Load 0% ↔

Load 100 %



Load 0% ↔

Load 50 %



100 mV/div

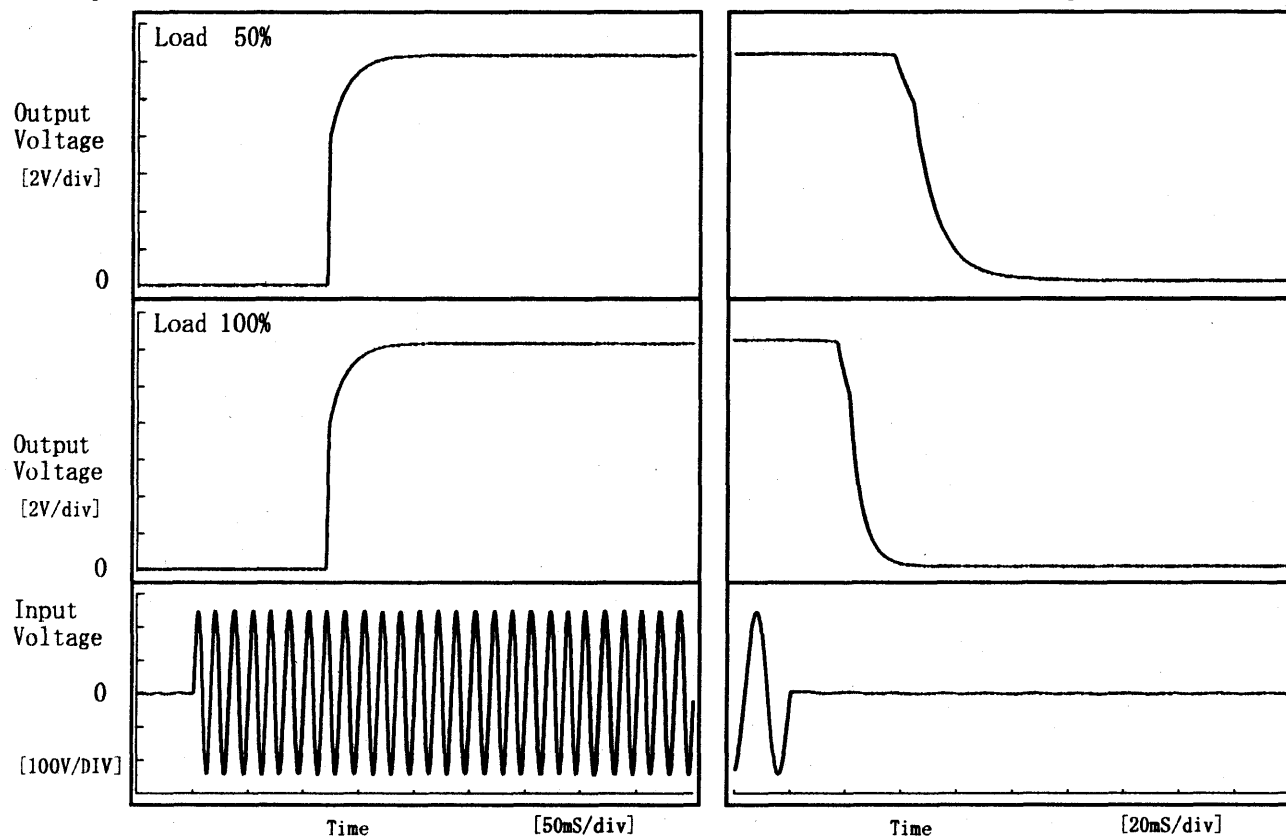
10 mS/div

COSEL

Model	LDA100W-12	Temperature	25°C
Item	Rise and Fall Time 立上り、立下り時間	Testing Circuitry	Figure A
Object	+12.0V8.5A		

1. Graph

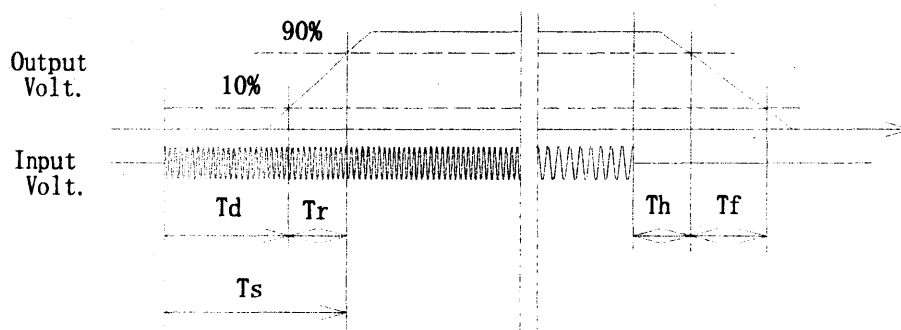
Input Volt. 170 V



2. Values

[mS]

Load \ Time	T d	T r	T s	T h	T f
50 %	120.8	19.3	140.0	41.3	23.4
100 %	120.5	19.3	139.8	19.5	12.0

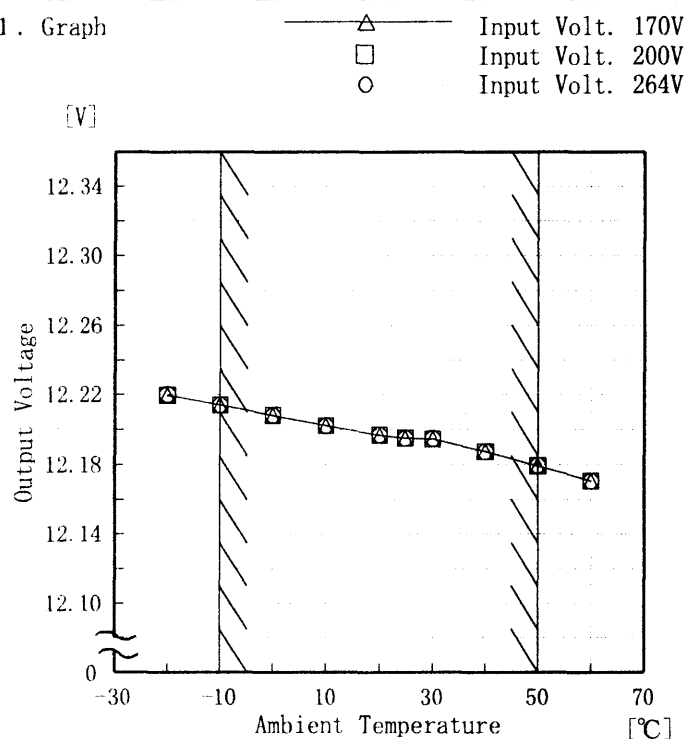


COSEL

Model	LDA100W-12
Item	Ambient Temperature Drift 周囲温度変動
Object	+12.0V8.5A

Testing Circuitry Figure A

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。

2. Values

Temperature [°C]	Output Voltage [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
-20	12.220	12.220	12.220
-10	12.214	12.214	12.214
0	12.208	12.208	12.208
10	12.202	12.202	12.202
20	12.197	12.197	12.197
25	12.195	12.195	12.195
30	12.195	12.195	12.195
40	12.187	12.187	12.187
50	12.179	12.179	12.179
60	12.170	12.170	12.171
—	—	—	—

COSEL

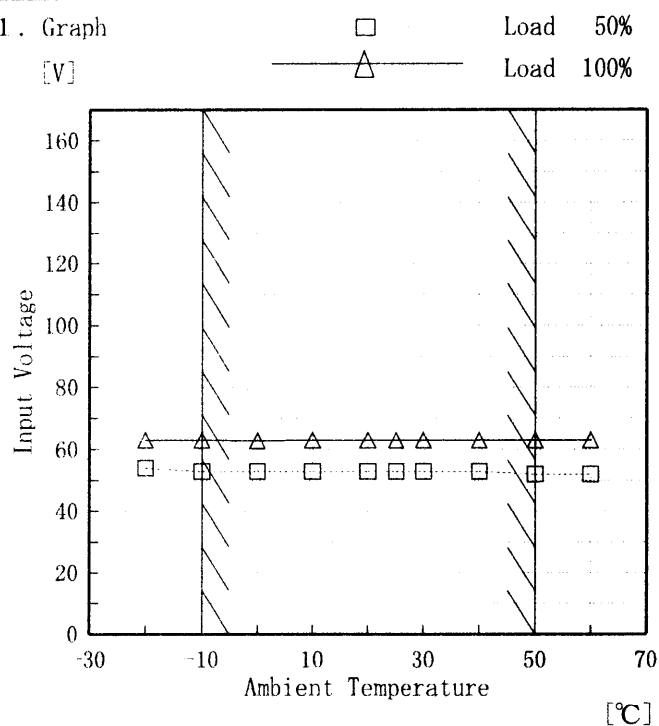
Model LDA100W-12

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

Object +12.0V8.5A

Testing Circuitry Figure A

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。

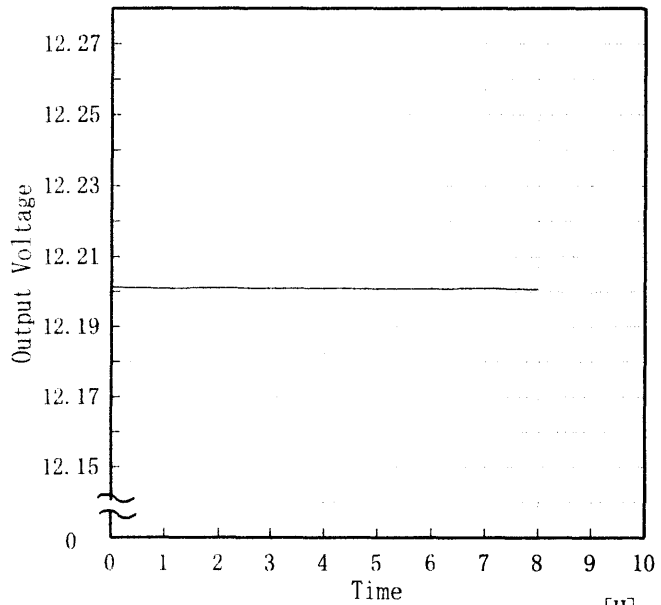
2. Values

Ambient Temperature [°C]	Input Voltage [V]	
	Load 50%	Load 100%
-20	54	63
-10	53	63
0	53	63
10	53	63
20	53	63
25	53	63
30	53	63
40	53	63
50	52	63
60	52	63
—	--	--

COSEL

Model LDA100W-12		Testing Circuitry Figure A																																				
Item	Ripple Voltage (by Ambient Temp.) リップル電圧 (周囲温度特性)																																					
Object	+12.0V8.5A																																					
<p>1. Graph</p> <p>□ Load 50% △ Load 100%</p> <p>[mV]</p> <p>Ripple Voltage</p> <p>Ambient Temperature [°C]</p> <p>Input Volt. 200 V</p> <p>Note: Slanted line shows the range of the rated ambient temperature.</p> <p>(注)斜線は定格周囲温度範囲を示す。</p>		<p>2. Values</p> <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>30</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>20</td></tr> <tr><td>40</td><td>20</td><td>20</td></tr> <tr><td>50</td><td>15</td><td>20</td></tr> <tr><td>60</td><td>15</td><td>20</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	30	40	0	25	30	10	25	30	20	20	25	25	20	25	30	20	20	40	20	20	50	15	20	60	15	20	—	—	—
Ambient Temp. [°C]	Load 50% Ripple Output Volt. [mV]	Load 100% Ripple Output Volt. [mV]																																				
-20	40	50																																				
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25	20	25																																				
30	20	20																																				
40	20	20																																				
50	15	20																																				
60	15	20																																				
—	—	—																																				

COSEL

COSEL																									
Model	LDA100W-12																								
Item	Time Lapse Drift 経時ドリフト	Temperature	25℃																						
Object	+12.0V8.5A	Testing Circuitry	Figure A																						
1. Graph		2.Values																							
<div><p>[V]</p><p>Output Voltage [V]</p><p>Time [H]</p><p>Input Volt. 200V</p><p>Load 100%</p></div>		<table><tr><th>Time since start [H]</th><th>Output Voltage [V]</th></tr><tr><td>0.0</td><td>12.201</td></tr><tr><td>0.5</td><td>12.201</td></tr><tr><td>1.0</td><td>12.201</td></tr><tr><td>2.0</td><td>12.201</td></tr><tr><td>3.0</td><td>12.201</td></tr><tr><td>4.0</td><td>12.201</td></tr><tr><td>5.0</td><td>12.201</td></tr><tr><td>6.0</td><td>12.201</td></tr><tr><td>7.0</td><td>12.201</td></tr><tr><td>8.0</td><td>12.201</td></tr></table>		Time since start [H]	Output Voltage [V]	0.0	12.201	0.5	12.201	1.0	12.201	2.0	12.201	3.0	12.201	4.0	12.201	5.0	12.201	6.0	12.201	7.0	12.201	8.0	12.201
Time since start [H]	Output Voltage [V]																								
0.0	12.201																								
0.5	12.201																								
1.0	12.201																								
2.0	12.201																								
3.0	12.201																								
4.0	12.201																								
5.0	12.201																								
6.0	12.201																								
7.0	12.201																								
8.0	12.201																								

COSEL

Model		LDA100W-12	Testing Circuitry Figure A
Item		Output Voltage Accuracy 定電圧精度	
Object		+12.0V8.5A	

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 : 170~264 V

Load Current : 0~8.5 A

* Output Voltage Accuracy = $\pm (\text{Maximum of Output Voltage} - \text{Minimum of Output Voltage}) / 2$

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

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 : 170~264 V

負荷電流 : 0~8.5 A

* 定電圧精度(変動値) = $\pm (\text{出力電圧の最高値} - \text{出力電圧の最低値}) / 2$

* 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 (Ratio) [%]
Maximum Voltage	-10	264	0	12.215	±18	±0.2
Minimum Voltage	50	170	0	12.179		

COSEL

LOGEL

Model	LDA100W-12														
Item	Condensation 結露特性	Testing Circuitry	Figure A												
Object	+12.0V8.5A														
<div>1. Condensation test</div> <div>Testing procedure is as follows.</div> <div>① Keeping and cooling the unit in a tank at -10℃ for an hour with the input off.</div> <div>② Taking it out of the tank and dewing itself in a room where the temperature is 25℃ and the humidity is 40%RH.</div> <div>③ Testing electrical characteristics of the unit to confirm there be no fault.</div>															
<div>1. 結露特性試験</div> <div>入力を切った状態で、恒温槽で- 1 0℃に冷却しておき、約1 時間後に恒温槽から取り出し、室温 2 5℃、湿度 4 0 %RHの状態におき結露させ、その電氣的特性の測定を行い、異常のないことを確認する。</div>															
<div>2. Values</div> <table><tr><td>Item</td><td>Data</td><td>Testing Conditions</td></tr><tr><td>Output Voltage [V]</td><td>12.2</td><td>Input Volt.: 200V, Load Current:8.5A</td></tr><tr><td>Line Regulation [mV]</td><td>2</td><td>Input Volt.: 170~264V, Load Current:8.5A</td></tr><tr><td>Load Regulation [mV]</td><td>4</td><td>Input Volt.: 200V, Load Current:0~8.5A</td></tr></table>				Item	Data	Testing Conditions	Output Voltage [V]	12.2	Input Volt.: 200V, Load Current:8.5A	Line Regulation [mV]	2	Input Volt.: 170~264V, Load Current:8.5A	Load Regulation [mV]	4	Input Volt.: 200V, Load Current:0~8.5A
Item	Data	Testing Conditions													
Output Voltage [V]	12.2	Input Volt.: 200V, Load Current:8.5A													
Line Regulation [mV]	2	Input Volt.: 170~264V, Load Current:8.5A													
Load Regulation [mV]	4	Input Volt.: 200V, Load Current:0~8.5A													

Model	LDA100W-12	Temperature	25°C
Item	Leakage Current 漏洩電流	Testing Circuitry	Figure B
Object	_____		

1. Results

Standards	Leakage Current [mA]		
	Input Volt. 85 [V]	Input Volt. 100 [V]	Input Volt. 132 [V]
(A) DENTORI	---	---	---
(B) IEC60950	---	---	---

Standards	Leakage Current [mA]		
	Input Volt. 170 [V]	Input Volt. 230 [V]	Input Volt. 264 [V]
(B) IEC60950	0.41	0.55	0.65

2. Condition

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

交流入力の高相について測定し、その大きい方を漏洩電流測定値とする。

COSEL

Model	LDA100W-12	Temperature 25°C Testing Circuitry Figure C
Item	Line Noise Tolerance 入力雑音耐量	
Object	+12.0V8.5A	

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

COSEL

Model	LDA100W-12	Temperature	25°C
Item	Conducted Emission 雑音端子電圧	Testing Circuitry	Figure D
Object	_____		

1. Graph

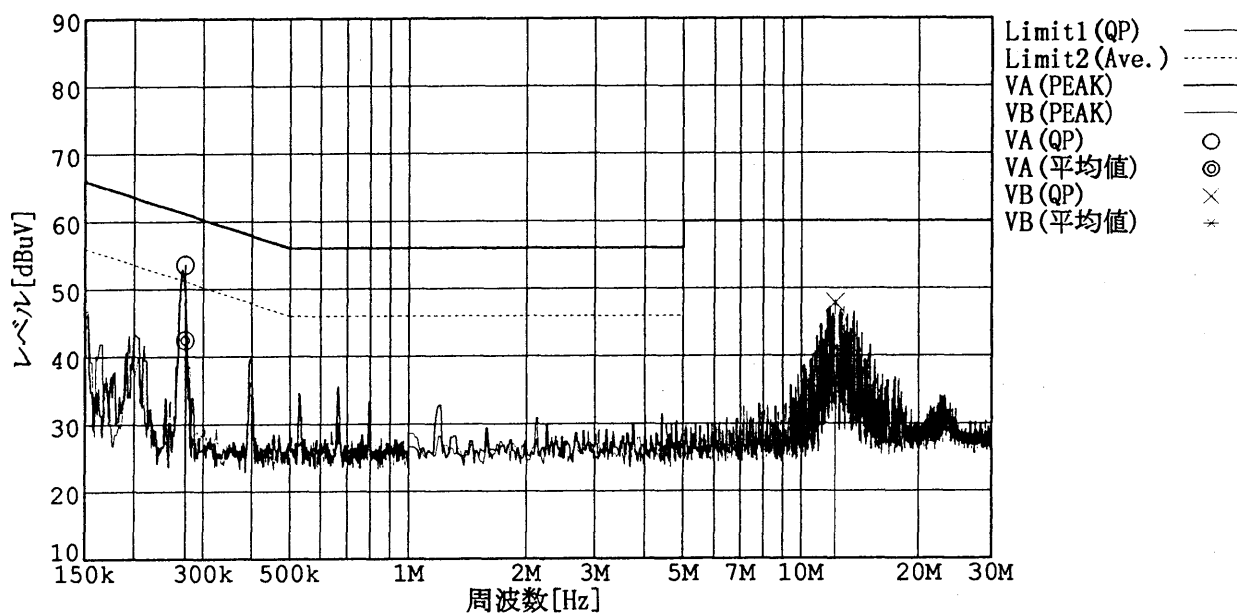
Remarks

Input Volt. 230 V

Load 100 %

規格 1: [EN 55022] Class B(QP)

規格 2: [EN 55022] Class B(平均値)



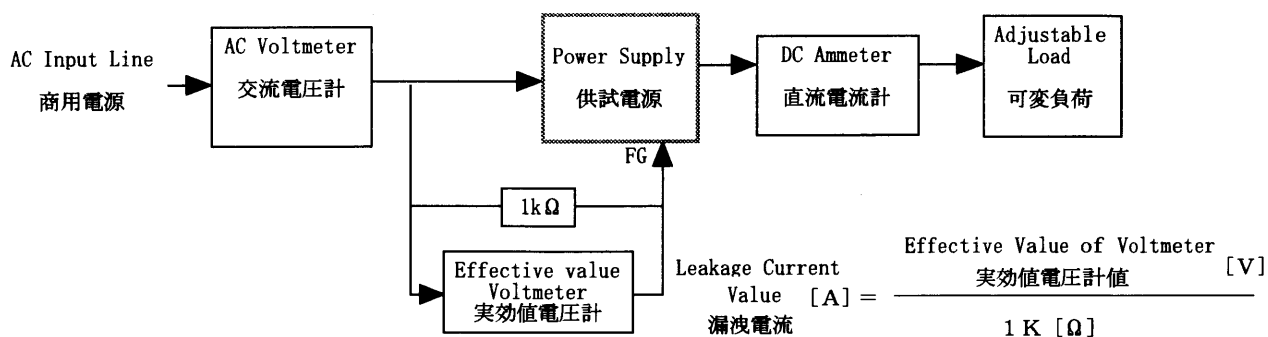
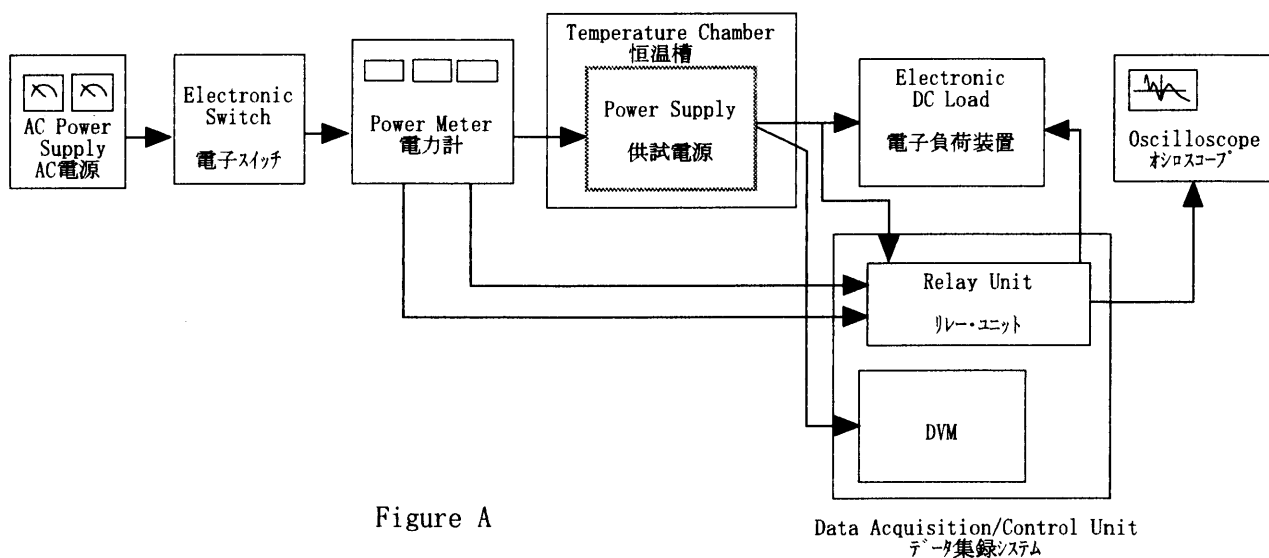


Figure B (DENTORI)

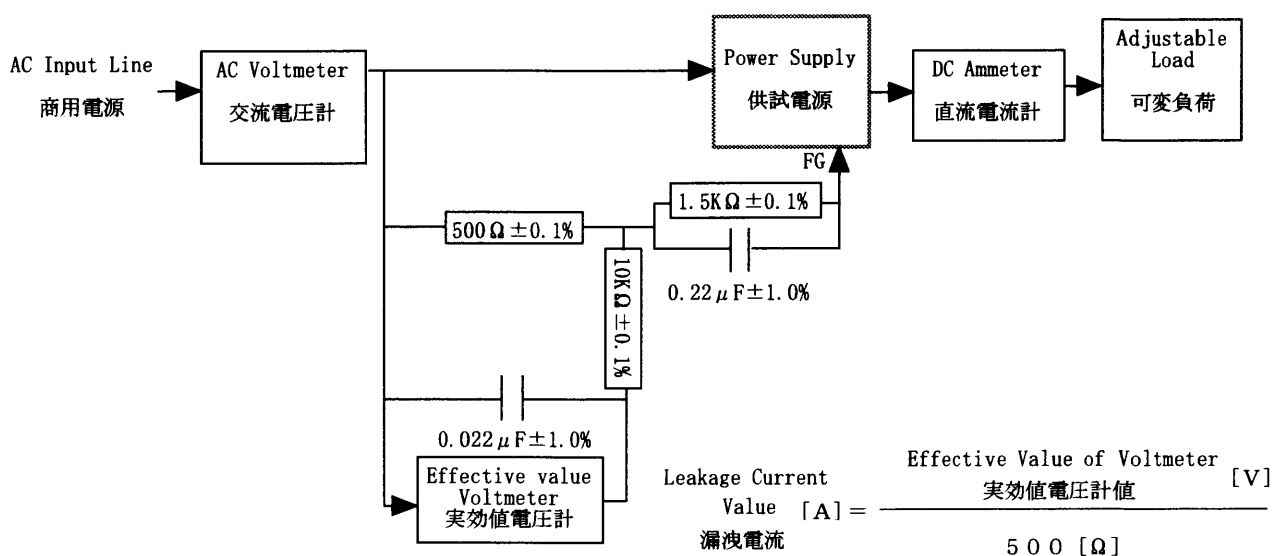


Figure B (IEC 60950)

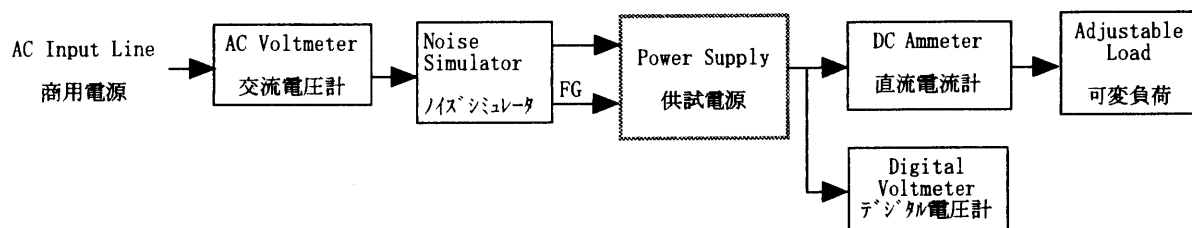


Figure C

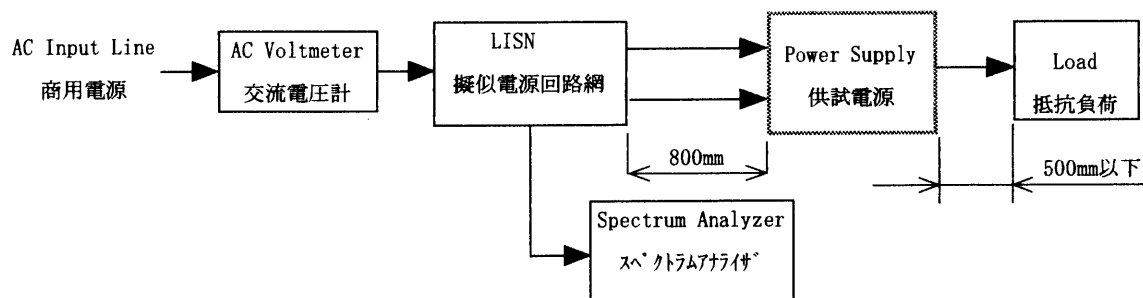


Figure D

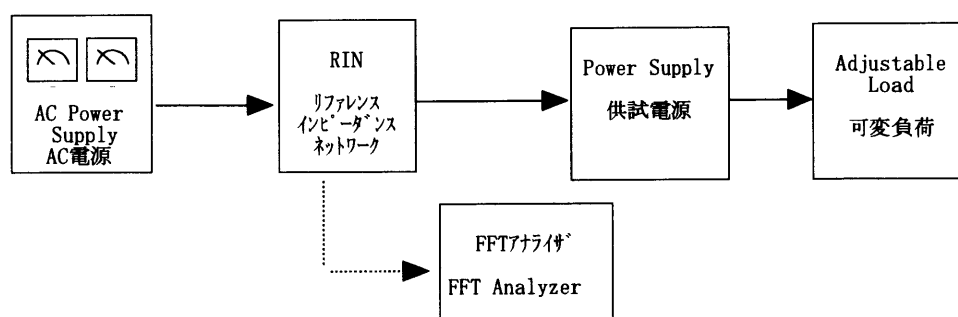


Figure E