

**TEST DATA OF ADA750F**ADA750F-24  
(200V INPUT)Regulated DC power supply  
Jan. 21, 2003Approved by : Kuniaki Nagahara  
Kuniaki Nagahara Design ManagerPrepared by : Katsumi Ishikawa  
Katsumi Ishikawa Design Engineer

INPUT : AC 170~264V

OUTPUT : V1: 24V 31.5A

**コーセル株式会社**  
**COSEL CO.,LTD.**

## CONTENTS

1. Line Regulation . . . . .	1
静的入力変動	
2. Input Current (by Load Power) . . . . .	2
入力電流 (負荷電力特性)	
3. Input Power (by Load Power) . . . . .	3
入力電力 (負荷電力特性)	
4. Efficiency (by Input Voltage) . . . . .	4
効率 (入力電圧特性)	
5. Efficiency (by Load Power) . . . . .	5
効率 (負荷電力特性)	
6. Power Factor (by Input Voltage) . . . . .	6
力率 (入力電圧特性)	
7. Power Factor (by Load Power) . . . . .	7
力率 (負荷電力特性)	
8. Hold-Up Time (by Load Power) . . . . .	8
出力保持時間 (負荷電力特性)	
9. Instantaneous Interruption Compensation (by Load Power) . . . . .	9
瞬時停電保障 (負荷電力特性)	
10. Load Regulation . . . . .	10
静的負荷変動	
11. Ripple Voltage (by Load Current) . . . . .	11
リップル電圧 (負荷電流特性)	
12. Ripple-Noise . . . . .	12
リップルノイズ	
13. Overcurrent Protection . . . . .	13
過電流保護	
14. Overvoltage Protection . . . . .	14
過電圧保護	
15. Inrush Current . . . . .	15
突入電流	
16. Dynamic Load Response . . . . .	16
動的負荷変動	
17. Rise and Fall Time . . . . .	17
立上り、立下り時間	
18. Ambient Temperature Drift . . . . .	18
周囲温度変動	
19. Minimum Input Voltage for Regulated Output Voltage . . . . .	19
最低レギュレーション電圧	
20. Ripple Voltage (by Ambient Temperature) . . . . .	20
リップル電圧 (周囲温度特性)	
21. Time Lapse Drift . . . . .	21
経時ドリフト	
22. Output Voltage Accuracy . . . . .	22
定電圧精度	
23. Leakage Current . . . . .	23
漏洩電流	
24. Figure of Testing Circuitry . . . . .	24
測定回路図	



Model		ADA750F (ADA750F-24)																																	
Item		Line Regulation 静的入力変動																																	
Object		V1:+24V31.5A																																	
1. Graph		2. Values																																	
<p>---□--- Load 50%</p> <p>—△— Load 100%</p> <p>Output Voltage [V]</p> <p>Input Voltage [V]</p>		<table border="1"> <thead> <tr> <th rowspan="2">Input Voltage [V]</th> <th colspan="2">Output Voltage [V]</th> </tr> <tr> <th>Load 50%</th> <th>Load 100%</th> </tr> </thead> <tbody> <tr><td>150</td><td>23.973</td><td>23.952</td></tr> <tr><td>160</td><td>23.973</td><td>23.952</td></tr> <tr><td>170</td><td>23.972</td><td>23.953</td></tr> <tr><td>180</td><td>23.972</td><td>23.953</td></tr> <tr><td>200</td><td>23.972</td><td>23.953</td></tr> <tr><td>220</td><td>23.972</td><td>23.953</td></tr> <tr><td>240</td><td>23.972</td><td>23.953</td></tr> <tr><td>264</td><td>23.972</td><td>23.953</td></tr> <tr><td>280</td><td>23.972</td><td>23.953</td></tr> </tbody> </table>		Input Voltage [V]	Output Voltage [V]		Load 50%	Load 100%	150	23.973	23.952	160	23.973	23.952	170	23.972	23.953	180	23.972	23.953	200	23.972	23.953	220	23.972	23.953	240	23.972	23.953	264	23.972	23.953	280	23.972	23.953
Input Voltage [V]	Output Voltage [V]																																		
	Load 50%	Load 100%																																	
150	23.973	23.952																																	
160	23.973	23.952																																	
170	23.972	23.953																																	
180	23.972	23.953																																	
200	23.972	23.953																																	
220	23.972	23.953																																	
240	23.972	23.953																																	
264	23.972	23.953																																	
280	23.972	23.953																																	
<p>Note: Slanted line shows the range of the rated input voltage.</p> <p>(注) 斜線は定格入力電圧範囲を示す。</p>																																			

Model		ADA750F (ADA750F-24)		Temperature		25°C																																																				
Item		Input Current (by Load Current) 入力電流 (負荷電力特性)		Testing Circuitry		Figure A																																																				
Object		_____																																																								
1. Graph				2. Values																																																						
<p> <span style="border-bottom: 1px solid black; display: inline-block; width: 20px;"></span> <math>\triangle</math> — Input Volt. 170 V  <span style="border-bottom: 1px dashed black; display: inline-block; width: 20px;"></span> <math>\square</math> --- Input Volt. 200 V  <span style="border-bottom: 1px dash-dot black; display: inline-block; width: 20px;"></span> <math>\circ</math> -·- Input Volt. 264 V                 </p> <p style="text-align: center;">Load Power [W]</p>				<table border="1"> <thead> <tr> <th rowspan="2">Load Power [W]</th> <th colspan="3">Input Current [A]</th> </tr> <tr> <th>Input Volt. 170[V]</th> <th>Input Volt. 200[V]</th> <th>Input Volt. 264[V]</th> </tr> </thead> <tbody> <tr><td>0.0</td><td>0.230</td><td>0.240</td><td>0.290</td></tr> <tr><td>151.2</td><td>1.230</td><td>1.050</td><td>0.870</td></tr> <tr><td>302.4</td><td>2.150</td><td>1.870</td><td>1.480</td></tr> <tr><td>453.6</td><td>3.140</td><td>2.680</td><td>2.090</td></tr> <tr><td>604.8</td><td>4.100</td><td>3.510</td><td>2.720</td></tr> <tr><td>756.0</td><td>5.080</td><td>4.340</td><td>3.350</td></tr> <tr><td>831.6</td><td>5.590</td><td>4.760</td><td>3.670</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> </tbody> </table>				Load Power [W]	Input Current [A]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	0.0	0.230	0.240	0.290	151.2	1.230	1.050	0.870	302.4	2.150	1.870	1.480	453.6	3.140	2.680	2.090	604.8	4.100	3.510	2.720	756.0	5.080	4.340	3.350	831.6	5.590	4.760	3.670	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Load Power [W]	Input Current [A]																																																									
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]																																																							
0.0	0.230	0.240	0.290																																																							
151.2	1.230	1.050	0.870																																																							
302.4	2.150	1.870	1.480																																																							
453.6	3.140	2.680	2.090																																																							
604.8	4.100	3.510	2.720																																																							
756.0	5.080	4.340	3.350																																																							
831.6	5.590	4.760	3.670																																																							
--	--	--	--																																																							
--	--	--	--																																																							
--	--	--	--																																																							
--	--	--	--																																																							
<p>Note: Slanted line shows the range of the rated load power.</p> <p>(注) 斜線は定格電力範囲を示す。</p>																																																										



Model		ADA750F (ADA750F-24)		Temperature		25°C																																																				
Item		Input Power (by Load Power) 入力電力 (負荷電力特性)		Testing Circuitry		Figure A																																																				
Object		_____																																																								
1. Graph				2. Values																																																						
<p> <span style="border-bottom: 1px solid black; display: inline-block; width: 20px;"></span> <math>\triangle</math> — Input Volt. 170 V  <span style="border-bottom: 1px dashed black; display: inline-block; width: 20px;"></span> <math>\square</math> --- Input Volt. 200 V  <span style="border-bottom: 1px dash-dot black; display: inline-block; width: 20px;"></span> <math>\circ</math> -·- Input Volt. 264 V                 </p> <p style="text-align: center;">Load Power [W]</p>				<table border="1"> <thead> <tr> <th rowspan="2">Load Power [W]</th> <th colspan="3">Input Power [W]</th> </tr> <tr> <th>Input Volt. 170[V]</th> <th>Input Volt. 200[V]</th> <th>Input Volt. 264[V]</th> </tr> </thead> <tbody> <tr><td>0.0</td><td>—</td><td>—</td><td>—</td></tr> <tr><td>151.2</td><td>192.0</td><td>192.0</td><td>189.0</td></tr> <tr><td>302.4</td><td>354.0</td><td>354.0</td><td>351.0</td></tr> <tr><td>453.6</td><td>519.0</td><td>516.0</td><td>515.0</td></tr> <tr><td>604.8</td><td>684.0</td><td>681.0</td><td>681.0</td></tr> <tr><td>756.0</td><td>855.0</td><td>852.0</td><td>846.0</td></tr> <tr><td>831.6</td><td>942.0</td><td>936.0</td><td>933.0</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> </tbody> </table>				Load Power [W]	Input Power [W]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	0.0	—	—	—	151.2	192.0	192.0	189.0	302.4	354.0	354.0	351.0	453.6	519.0	516.0	515.0	604.8	684.0	681.0	681.0	756.0	855.0	852.0	846.0	831.6	942.0	936.0	933.0	--	—	—	—	--	—	—	—	--	—	—	—	--	—	—	—
Load Power [W]	Input Power [W]																																																									
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]																																																							
0.0	—	—	—																																																							
151.2	192.0	192.0	189.0																																																							
302.4	354.0	354.0	351.0																																																							
453.6	519.0	516.0	515.0																																																							
604.8	684.0	681.0	681.0																																																							
756.0	855.0	852.0	846.0																																																							
831.6	942.0	936.0	933.0																																																							
--	—	—	—																																																							
--	—	—	—																																																							
--	—	—	—																																																							
--	—	—	—																																																							
<p>Note: Slanted line shows the range of the rated load power.</p> <p>(注) 斜線は定格電力範囲を示す。</p>																																																										



Model		ADA750F (ADA750F-24)																																	
Item		Efficiency (by Input Voltage) 効率 (入力電圧特性)																																	
Object		Temperature 25°C Testing Circuitry Figure A																																	
1. Graph		2. Values																																	
<p>---□--- Load 50% —△— Load 100%</p>		<table border="1"> <thead> <tr> <th rowspan="2">Input Voltage [V]</th> <th colspan="2">Efficiency [%]</th> </tr> <tr> <th>Load 50%</th> <th>Load 100%</th> </tr> </thead> <tbody> <tr><td>150</td><td>86.3</td><td>87.6</td></tr> <tr><td>160</td><td>86.3</td><td>87.6</td></tr> <tr><td>170</td><td>86.3</td><td>87.9</td></tr> <tr><td>180</td><td>86.3</td><td>88.2</td></tr> <tr><td>200</td><td>86.3</td><td>88.2</td></tr> <tr><td>220</td><td>86.9</td><td>88.5</td></tr> <tr><td>240</td><td>86.3</td><td>88.5</td></tr> <tr><td>264</td><td>86.9</td><td>88.5</td></tr> <tr><td>280</td><td>86.9</td><td>88.8</td></tr> </tbody> </table>		Input Voltage [V]	Efficiency [%]		Load 50%	Load 100%	150	86.3	87.6	160	86.3	87.6	170	86.3	87.9	180	86.3	88.2	200	86.3	88.2	220	86.9	88.5	240	86.3	88.5	264	86.9	88.5	280	86.9	88.8
Input Voltage [V]	Efficiency [%]																																		
	Load 50%	Load 100%																																	
150	86.3	87.6																																	
160	86.3	87.6																																	
170	86.3	87.9																																	
180	86.3	88.2																																	
200	86.3	88.2																																	
220	86.9	88.5																																	
240	86.3	88.5																																	
264	86.9	88.5																																	
280	86.9	88.8																																	
<p>Note: Slanted line shows the range of the rated input voltage.</p> <p>(注) 斜線は定格入力電圧範囲を示す。</p>																																			



Model		ADA750F (ADA750F-24)		Temperature		25°C																																																				
Item		Efficiency (by Load Power) 効率 (負荷電力特性)		Testing Circuitry		Figure A																																																				
Object																																																										
1. Graph				2. Values																																																						
		—△— Input Volt. 170 V																																																								
		---□--- Input Volt. 200 V																																																								
		-○- Input Volt. 264 V																																																								
				<table border="1"> <thead> <tr> <th rowspan="2">Load Power [W]</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> </thead> <tbody> <tr><td>0.0</td><td>—</td><td>—</td><td>—</td></tr> <tr><td>151.2</td><td>77.8</td><td>77.8</td><td>79.0</td></tr> <tr><td>302.4</td><td>84.7</td><td>84.7</td><td>85.5</td></tr> <tr><td>453.6</td><td>86.8</td><td>87.3</td><td>87.5</td></tr> <tr><td>604.8</td><td>87.9</td><td>88.3</td><td>88.3</td></tr> <tr><td>756.0</td><td>87.9</td><td>88.2</td><td>88.8</td></tr> <tr><td>831.6</td><td>87.7</td><td>88.3</td><td>88.6</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> </tbody> </table>				Load Power [W]	Efficiency [%]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	0.0	—	—	—	151.2	77.8	77.8	79.0	302.4	84.7	84.7	85.5	453.6	86.8	87.3	87.5	604.8	87.9	88.3	88.3	756.0	87.9	88.2	88.8	831.6	87.7	88.3	88.6	--	—	—	—	--	—	—	—	--	—	—	—	--	—	—	—
Load Power [W]	Efficiency [%]																																																									
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]																																																							
0.0	—	—	—																																																							
151.2	77.8	77.8	79.0																																																							
302.4	84.7	84.7	85.5																																																							
453.6	86.8	87.3	87.5																																																							
604.8	87.9	88.3	88.3																																																							
756.0	87.9	88.2	88.8																																																							
831.6	87.7	88.3	88.6																																																							
--	—	—	—																																																							
--	—	—	—																																																							
--	—	—	—																																																							
--	—	—	—																																																							
<p>Note: Slanted line shows the range of the rated load power.</p> <p>(注) 斜線は定格電力範囲を示す。</p>																																																										



Model		ADA750F (ADA750F-24)																																	
Item		Power Factor (by Input Voltage) 力率 (入力電圧特性)																																	
Object		Temperature 25°C Testing Circuitry Figure A																																	
1. Graph		2. Values																																	
<p>Legend:              ---□--- Load 50%              —△— Load 100%</p>		<table border="1"> <thead> <tr> <th rowspan="2">Input Voltage [V]</th> <th colspan="2">Power Factor</th> </tr> <tr> <th>Load 50%</th> <th>Load 100%</th> </tr> </thead> <tbody> <tr><td>150</td><td>0.969</td><td>0.992</td></tr> <tr><td>160</td><td>0.962</td><td>0.991</td></tr> <tr><td>170</td><td>0.965</td><td>0.990</td></tr> <tr><td>180</td><td>0.967</td><td>0.986</td></tr> <tr><td>200</td><td>0.950</td><td>0.979</td></tr> <tr><td>220</td><td>0.939</td><td>0.974</td></tr> <tr><td>240</td><td>0.940</td><td>0.970</td></tr> <tr><td>264</td><td>0.913</td><td>0.960</td></tr> <tr><td>280</td><td>0.854</td><td>0.916</td></tr> </tbody> </table>		Input Voltage [V]	Power Factor		Load 50%	Load 100%	150	0.969	0.992	160	0.962	0.991	170	0.965	0.990	180	0.967	0.986	200	0.950	0.979	220	0.939	0.974	240	0.940	0.970	264	0.913	0.960	280	0.854	0.916
Input Voltage [V]	Power Factor																																		
	Load 50%	Load 100%																																	
150	0.969	0.992																																	
160	0.962	0.991																																	
170	0.965	0.990																																	
180	0.967	0.986																																	
200	0.950	0.979																																	
220	0.939	0.974																																	
240	0.940	0.970																																	
264	0.913	0.960																																	
280	0.854	0.916																																	
<p>Note: Slanted line shows the range of the rated input voltage.</p> <p>(注) 斜線は定格入力電圧範囲を示す。</p>																																			





Model		ADA750F (ADA750F-24)		Temperature		25°C																																																				
Item		Power Factor (by Load Power) 力率 (負荷電力特性)		Testing Circuitry		Figure A																																																				
Object																																																										
1. Graph				2. Values																																																						
<p>—△— Input Volt. 170 V                  ---□--- Input Volt. 200 V                  -·○-·- Input Volt. 264 V</p> <p>Power Factor</p> <p>Load Power [W]</p>				<table border="1"> <thead> <tr> <th rowspan="2">Load Power [W]</th> <th colspan="3">Power Factor</th> </tr> <tr> <th>Input Volt. 170[V]</th> <th>Input Volt. 200[V]</th> <th>Input Volt. 264[V]</th> </tr> </thead> <tbody> <tr> <td>0.0</td> <td>0.576</td> <td>0.498</td> <td>0.401</td> </tr> <tr> <td>151.2</td> <td>0.919</td> <td>0.914</td> <td>0.822</td> </tr> <tr> <td>302.4</td> <td>0.970</td> <td>0.947</td> <td>0.898</td> </tr> <tr> <td>453.6</td> <td>0.972</td> <td>0.963</td> <td>0.933</td> </tr> <tr> <td>604.8</td> <td>0.980</td> <td>0.970</td> <td>0.948</td> </tr> <tr> <td>756.0</td> <td>0.990</td> <td>0.980</td> <td>0.957</td> </tr> <tr> <td>831.6</td> <td>0.992</td> <td>0.982</td> <td>0.963</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> </tbody> </table>				Load Power [W]	Power Factor			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	0.0	0.576	0.498	0.401	151.2	0.919	0.914	0.822	302.4	0.970	0.947	0.898	453.6	0.972	0.963	0.933	604.8	0.980	0.970	0.948	756.0	0.990	0.980	0.957	831.6	0.992	0.982	0.963	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Load Power [W]	Power Factor																																																									
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]																																																							
0.0	0.576	0.498	0.401																																																							
151.2	0.919	0.914	0.822																																																							
302.4	0.970	0.947	0.898																																																							
453.6	0.972	0.963	0.933																																																							
604.8	0.980	0.970	0.948																																																							
756.0	0.990	0.980	0.957																																																							
831.6	0.992	0.982	0.963																																																							
--	--	--	--																																																							
--	--	--	--																																																							
--	--	--	--																																																							
--	--	--	--																																																							
<p>Note: Slanted line shows the range of the rated load power.</p> <p>(注) 斜線は定格電力範囲を示す。</p>																																																										

Model		ADA750F (ADA750F-24)		Temperature		25°C																																																				
Item		Hold-Up Time (by Load Power) 出力保持時間 (負荷電力特性)		Testing Circuitry		Figure A																																																				
Object																																																										
1. Graph				2. Values																																																						
<p> <span style="border-bottom: 1px solid black; display: inline-block; width: 1em; margin-right: 0.5em;"></span> <span style="font-size: 0.8em;">△</span> Input Volt. 170V  <span style="border-bottom: 1px dashed black; display: inline-block; width: 1em; margin-right: 0.5em;"></span> <span style="font-size: 0.8em;">□</span> Input Volt. 200V  <span style="border-bottom: 1px dash-dot black; display: inline-block; width: 1em; margin-right: 0.5em;"></span> <span style="font-size: 0.8em;">○</span> Input Volt. 264V                 </p> <p style="text-align: center;">Load Power [W]</p>				<table border="1"> <thead> <tr> <th rowspan="2">Load Power [W]</th> <th colspan="3">Hold-Up Time [mS]</th> </tr> <tr> <th>Input Volt. 170[V]</th> <th>Input Volt. 200[V]</th> <th>Input Volt. 264[V]</th> </tr> </thead> <tbody> <tr><td>0.0</td><td>--</td><td>--</td><td>--</td></tr> <tr><td>151.2</td><td>146</td><td>149</td><td>150</td></tr> <tr><td>302.4</td><td>74</td><td>75</td><td>77</td></tr> <tr><td>453.6</td><td>48</td><td>50</td><td>51</td></tr> <tr><td>604.8</td><td>35</td><td>36</td><td>37</td></tr> <tr><td>756.0</td><td>27</td><td>28</td><td>29</td></tr> <tr><td>831.6</td><td>24</td><td>25</td><td>26</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> </tbody> </table>				Load Power [W]	Hold-Up Time [mS]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	0.0	--	--	--	151.2	146	149	150	302.4	74	75	77	453.6	48	50	51	604.8	35	36	37	756.0	27	28	29	831.6	24	25	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Load Power [W]	Hold-Up Time [mS]																																																									
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]																																																							
0.0	--	--	--																																																							
151.2	146	149	150																																																							
302.4	74	75	77																																																							
453.6	48	50	51																																																							
604.8	35	36	37																																																							
756.0	27	28	29																																																							
831.6	24	25	26																																																							
--	--	--	--																																																							
--	--	--	--																																																							
--	--	--	--																																																							
--	--	--	--																																																							
<p>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 power.</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範囲を保持しているところまでの時間。                  (注) 斜線は定格電力範囲を示す。</p>																																																										



Model		ADA750F (ADA750F-24)		Temperature		25°C																																																				
Item		Instantaneous Interruption Compensation (by Load Power) 瞬時停電保障 (負荷電力特性)		Testing Circuitry		Figure A																																																				
Object		_____																																																								
1. Graph				2. Values																																																						
<p> <span style="border-bottom: 1px solid black; display: inline-block; width: 20px; margin-right: 5px;"></span> <span style="font-size: 0.8em;">△</span> Input Volt. 170V  <span style="border-bottom: 1px dashed black; display: inline-block; width: 20px; margin-right: 5px;"></span> <span style="font-size: 0.8em;">□</span> Input Volt. 200V  <span style="border-bottom: 1px dash-dot black; display: inline-block; width: 20px; margin-right: 5px;"></span> <span style="font-size: 0.8em;">○</span> Input Volt. 264V                 </p> <p style="text-align: center;">Load Power [W]</p>				<table border="1"> <thead> <tr> <th rowspan="2">Load Power [W]</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> </thead> <tbody> <tr><td>0.0</td><td>—</td><td>—</td><td>—</td></tr> <tr><td>151.2</td><td>158</td><td>178</td><td>180</td></tr> <tr><td>302.4</td><td>72</td><td>86</td><td>90</td></tr> <tr><td>453.6</td><td>40</td><td>49</td><td>62</td></tr> <tr><td>604.8</td><td>39</td><td>35</td><td>45</td></tr> <tr><td>756.0</td><td>32</td><td>34</td><td>36</td></tr> <tr><td>831.6</td><td>30</td><td>31</td><td>30</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> </tbody> </table>				Load Power [W]	Time [mS]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	0.0	—	—	—	151.2	158	178	180	302.4	72	86	90	453.6	40	49	62	604.8	39	35	45	756.0	32	34	36	831.6	30	31	30	--	—	—	—	--	—	—	—	--	—	—	—	--	—	—	—
Load Power [W]	Time [mS]																																																									
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]																																																							
0.0	—	—	—																																																							
151.2	158	178	180																																																							
302.4	72	86	90																																																							
453.6	40	49	62																																																							
604.8	39	35	45																																																							
756.0	32	34	36																																																							
831.6	30	31	30																																																							
--	—	—	—																																																							
--	—	—	—																																																							
--	—	—	—																																																							
--	—	—	—																																																							
<p>Note: Slanted line shows the range of the rated load power.</p> <p>(注) 斜線は定格電力範囲を示す。</p>																																																										



Model		ADA750F (ADA750F-24)		Temperature		25°C																																																				
Item		Load Regulation 静的負荷変動		Testing Circuitry		Figure A																																																				
Object		V1:+24V31.5A																																																								
1. Graph				2. Values																																																						
<p>—△— Input Volt. 170 V                  ---□--- Input Volt. 200 V                  -·-○-·- Input Volt. 264 V</p> <p>Output Voltage [V]</p> <p>Load Current [A]</p>				<table border="1"> <thead> <tr> <th rowspan="2">Load Current [A]</th> <th colspan="3">Output Voltage [V]</th> </tr> <tr> <th>Input Volt. 170[V]</th> <th>Input Volt. 200[V]</th> <th>Input Volt. 264[V]</th> </tr> </thead> <tbody> <tr><td>0.00</td><td>23.992</td><td>23.991</td><td>23.991</td></tr> <tr><td>6.00</td><td>23.975</td><td>23.976</td><td>23.975</td></tr> <tr><td>12.00</td><td>23.973</td><td>23.973</td><td>23.973</td></tr> <tr><td>18.00</td><td>23.970</td><td>23.970</td><td>23.970</td></tr> <tr><td>24.00</td><td>23.963</td><td>23.963</td><td>23.964</td></tr> <tr><td>30.00</td><td>23.954</td><td>23.954</td><td>23.955</td></tr> <tr><td>31.50</td><td>23.952</td><td>23.952</td><td>23.953</td></tr> <tr><td>34.65</td><td>23.947</td><td>23.947</td><td>23.948</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> </tbody> </table>				Load Current [A]	Output Voltage [V]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	0.00	23.992	23.991	23.991	6.00	23.975	23.976	23.975	12.00	23.973	23.973	23.973	18.00	23.970	23.970	23.970	24.00	23.963	23.963	23.964	30.00	23.954	23.954	23.955	31.50	23.952	23.952	23.953	34.65	23.947	23.947	23.948	--	--	--	--	--	--	--	--	--	--	--	--
Load Current [A]	Output Voltage [V]																																																									
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]																																																							
0.00	23.992	23.991	23.991																																																							
6.00	23.975	23.976	23.975																																																							
12.00	23.973	23.973	23.973																																																							
18.00	23.970	23.970	23.970																																																							
24.00	23.963	23.963	23.964																																																							
30.00	23.954	23.954	23.955																																																							
31.50	23.952	23.952	23.953																																																							
34.65	23.947	23.947	23.948																																																							
--	--	--	--																																																							
--	--	--	--																																																							
--	--	--	--																																																							
<p>Note: Slanted line shows the range of the rated load current.</p> <p>(注) 斜線は定格負荷電流範囲を示す。</p>																																																										

Model		ADA750F (ADA750F-24)		Temperature	25°C																																						
Item		Ripple Voltage (by Load Current) リップル電圧 (負荷特性)		Testing Circuitry	Figure A																																						
Object		V1:+24V31.5A																																									
1. Graph			2. Values																																								
<p>             —△— Input Volt. 170 V              - - ○ - - Input Volt. 264 V         </p>			<table border="1"> <thead> <tr> <th rowspan="2">Load Current [A]</th> <th colspan="2">Ripple Output Voltage [mV]</th> </tr> <tr> <th>Input Volt. 170[V]</th> <th>Input Volt. 264[V]</th> </tr> </thead> <tbody> <tr><td>0.00</td><td>10</td><td>10</td></tr> <tr><td>6.00</td><td>15</td><td>15</td></tr> <tr><td>12.00</td><td>15</td><td>15</td></tr> <tr><td>18.00</td><td>30</td><td>30</td></tr> <tr><td>24.00</td><td>35</td><td>35</td></tr> <tr><td>30.00</td><td>35</td><td>35</td></tr> <tr><td>31.50</td><td>35</td><td>35</td></tr> <tr><td>34.65</td><td>45</td><td>45</td></tr> <tr><td>--</td><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td><td>--</td></tr> </tbody> </table>			Load Current [A]	Ripple Output Voltage [mV]		Input Volt. 170[V]	Input Volt. 264[V]	0.00	10	10	6.00	15	15	12.00	15	15	18.00	30	30	24.00	35	35	30.00	35	35	31.50	35	35	34.65	45	45	--	--	--	--	--	--	--	--	--
Load Current [A]	Ripple Output Voltage [mV]																																										
	Input Volt. 170[V]	Input Volt. 264[V]																																									
0.00	10	10																																									
6.00	15	15																																									
12.00	15	15																																									
18.00	30	30																																									
24.00	35	35																																									
30.00	35	35																																									
31.50	35	35																																									
34.65	45	45																																									
--	--	--																																									
--	--	--																																									
--	--	--																																									
<p>Ripple Voltage 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。</p> <p>T1: Due to AC Input Line 入力商用周期                  T2: Due to Switching スイッチング周期</p>																																											
<p>Fig. Complex Ripple Wave Form                  図 リップル波形詳細図</p>																																											



<p>Model ADA750F (ADA750F-24)</p>		<p>Temperature 25°C</p>																																							
<p>Item Ripple-Noise リップルノイズ</p>		<p>Testing Circuitry Figure A</p>																																							
<p>Object V1:+24V31.5A</p>																																									
<p>1. Graph</p> <div style="text-align: right;"> <p>—△— Input Volt. 170 V</p> <p>-○- Input Volt. 264 V</p> </div> <p style="text-align: center;">Ripple-Noise [mV]</p> <p style="text-align: center;">Load Current [A]</p> <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> <div style="text-align: center;"> <p>T1: Due to AC Input Line 入力商用周期</p> <p>T2: Due to Switching スイッチング周期</p> </div> <p style="text-align: center;">Fig. Complex Ripple Wave Form 図 リップル波形詳細図</p>		<p>2. Values</p> <table border="1"> <thead> <tr> <th rowspan="2">Load Current [A]</th> <th colspan="2">Ripple-Noise [mV]</th> </tr> <tr> <th>Input Volt. 170[V]</th> <th>Input Volt. 264[V]</th> </tr> </thead> <tbody> <tr><td>0.00</td><td>15</td><td>15</td></tr> <tr><td>6.00</td><td>20</td><td>20</td></tr> <tr><td>12.00</td><td>25</td><td>25</td></tr> <tr><td>18.00</td><td>35</td><td>35</td></tr> <tr><td>24.00</td><td>40</td><td>40</td></tr> <tr><td>30.00</td><td>40</td><td>40</td></tr> <tr><td>31.50</td><td>45</td><td>45</td></tr> <tr><td>34.65</td><td>50</td><td>50</td></tr> <tr><td>--</td><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td><td>--</td></tr> </tbody> </table>		Load Current [A]	Ripple-Noise [mV]		Input Volt. 170[V]	Input Volt. 264[V]	0.00	15	15	6.00	20	20	12.00	25	25	18.00	35	35	24.00	40	40	30.00	40	40	31.50	45	45	34.65	50	50	--	--	--	--	--	--	--	--	--
Load Current [A]	Ripple-Noise [mV]																																								
	Input Volt. 170[V]	Input Volt. 264[V]																																							
0.00	15	15																																							
6.00	20	20																																							
12.00	25	25																																							
18.00	35	35																																							
24.00	40	40																																							
30.00	40	40																																							
31.50	45	45																																							
34.65	50	50																																							
--	--	--																																							
--	--	--																																							
--	--	--																																							



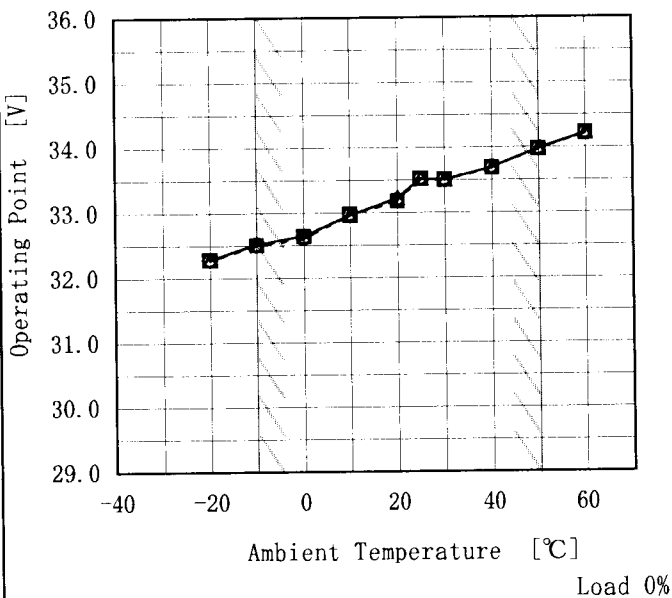
<p>Model ADA750F (ADA750F-24)</p>		<p>Temperature 25°C</p>																																																								
<p>Item Overcurrent Protection 過電流保護</p>		<p>Testing Circuitry Figure A</p>																																																								
<p>Object V1:+24V31.5A</p>																																																										
<p>1. Graph</p> <p>                     _____ Input Volt. 170 V                      _____ Input Volt. 200 V                      _____ Input Volt. 264 V                 </p> <p>Output Voltage [V]</p> <p>Load Current [A]</p> <p>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。</p> <p>Intermittent operation occurs when the output voltage is from 14.4V to 0V. 14.4V~0V間は、間欠モードとなる。</p>		<p>2. Values</p> <table border="1"> <thead> <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> </thead> <tbody> <tr> <td>24.0</td> <td>64.67</td> <td>65.76</td> <td>65.41</td> </tr> <tr> <td>22.8</td> <td>69.42</td> <td>69.67</td> <td>69.97</td> </tr> <tr> <td>21.6</td> <td>70.16</td> <td>70.43</td> <td>70.73</td> </tr> <tr> <td>19.2</td> <td>71.93</td> <td>72.07</td> <td>72.38</td> </tr> <tr> <td>16.8</td> <td>73.48</td> <td>73.70</td> <td>74.02</td> </tr> <tr> <td>14.4</td> <td>75.11</td> <td>75.30</td> <td>75.45</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> <tr> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>		Output Voltage [V]	Load Current [A]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	24.0	64.67	65.76	65.41	22.8	69.42	69.67	69.97	21.6	70.16	70.43	70.73	19.2	71.93	72.07	72.38	16.8	73.48	73.70	74.02	14.4	75.11	75.30	75.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Output Voltage [V]	Load Current [A]																																																									
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]																																																							
24.0	64.67	65.76	65.41																																																							
22.8	69.42	69.67	69.97																																																							
21.6	70.16	70.43	70.73																																																							
19.2	71.93	72.07	72.38																																																							
16.8	73.48	73.70	74.02																																																							
14.4	75.11	75.30	75.45																																																							
--	--	--	--																																																							
--	--	--	--																																																							
--	--	--	--																																																							
--	--	--	--																																																							
--	--	--	--																																																							
--	--	--	--																																																							



Model	ADA750F (ADA750F-24)
Item	Overvoltage Protection 過電圧保護
Object	V1:+24V31.5A

Testing Circuitry Figure A

1. Graph
- △— Input Volt. 170 V
  - Input Volt. 200 V
  - Input Volt. 264 V



2. Values

Ambient Temperature [°C]	Operating Point [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
-20	32.29	32.29	32.28
-10	32.52	32.51	32.51
0	32.65	32.64	32.61
10	32.96	32.98	32.97
20	33.23	33.18	33.19
25	33.52	33.52	33.52
30	33.51	33.51	33.51
40	33.69	33.69	33.69
50	33.98	33.98	33.98
60	34.22	34.22	34.22
--	--	--	--

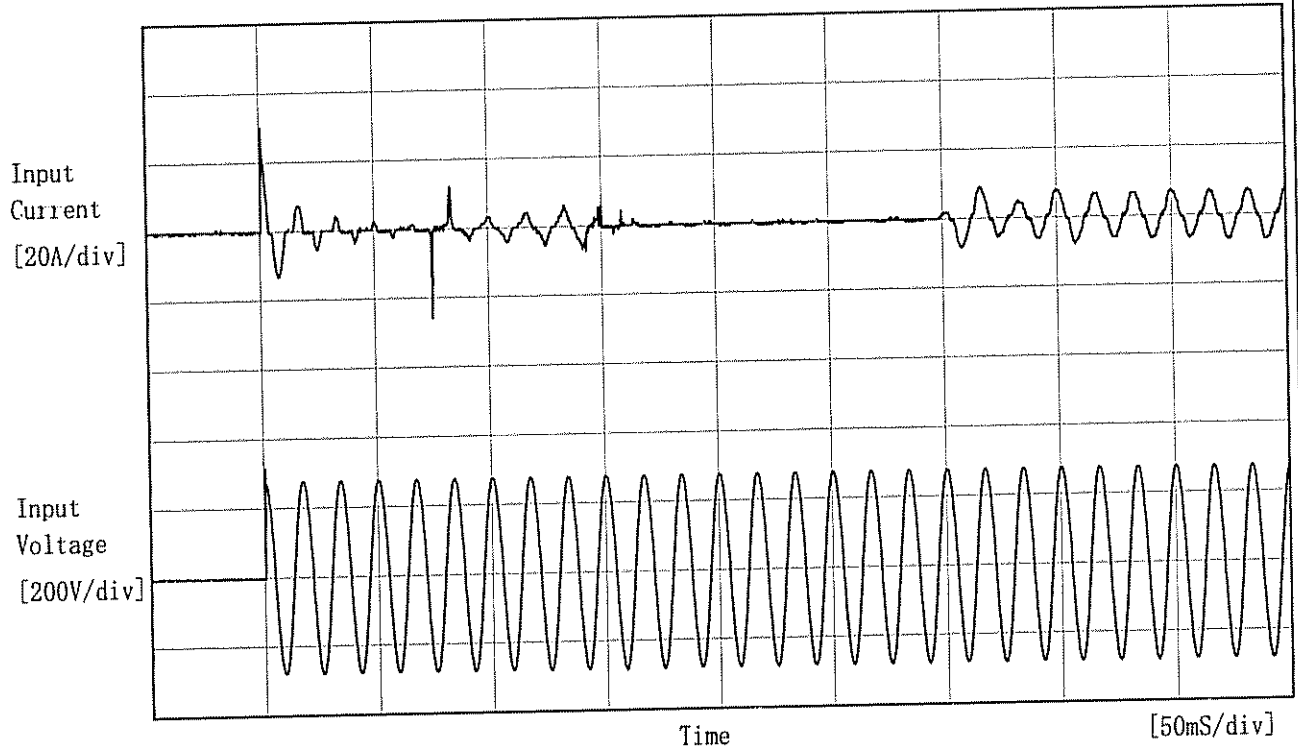
Note: Slanted line shows the range of the rated ambient temperature.

(注) 斜線は定格周囲温度範囲を示す。



# COSEL

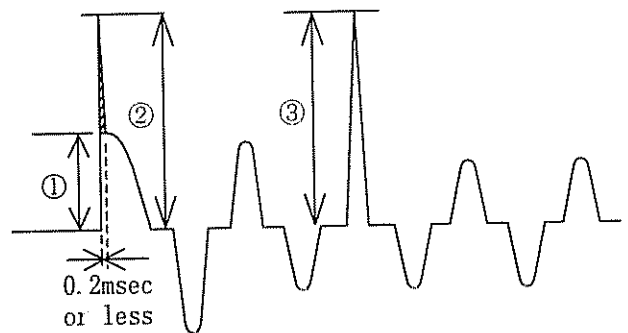
Model	ADA750F (ADA750F-24)	Temperature	25°C
Item	Inrush Current 突入電流	Testing Circuitry	Figure A
Object	_____		



Input Voltage 200 V  
 Frequency 60 Hz  
 Load 100 %

Inrush Current

- ① 25.2 [A]
- ② 30.1 [A] (0.2msec or less)\*1
- ③ 25.8 [A]



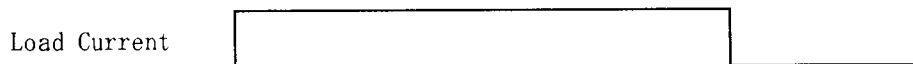
\*1 The specification of the inrush current (primary surge) means that the surge current to a built-in noise filter (0.2msec or less : waveform ②) is excluded.

本製品の突入電流(1次サージ)の仕様は、内蔵ノイズフィルタ部へのサージ電流(0.2msec以下:波形②)を除きます。

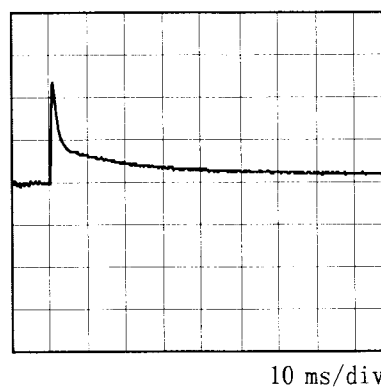
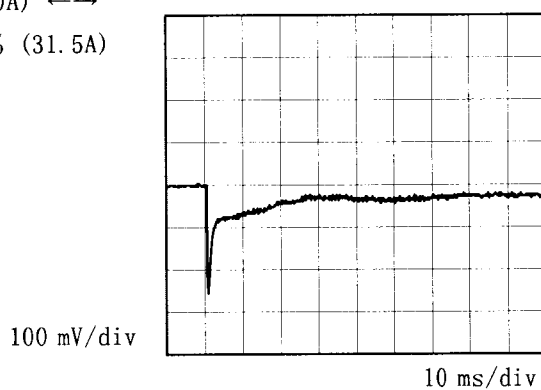


Model	ADA750F (ADA750F-24)	Temperature	25°C
Item	Dynamic Load Response 動的負荷変動	Testing Circuitry	Figure A
Object	V1:+24V31.5A		

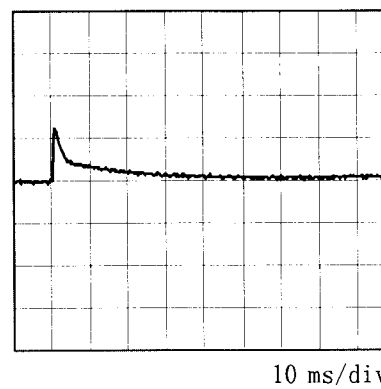
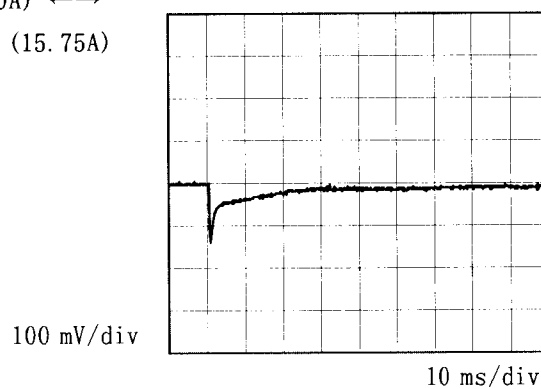
Input Volt. AC200 V  
Cycle 1000 ms



Min. Load (0A) ←→  
Load 100% (31.5A)



Min. Load (0A) ←→  
Load 50% (15.75A)

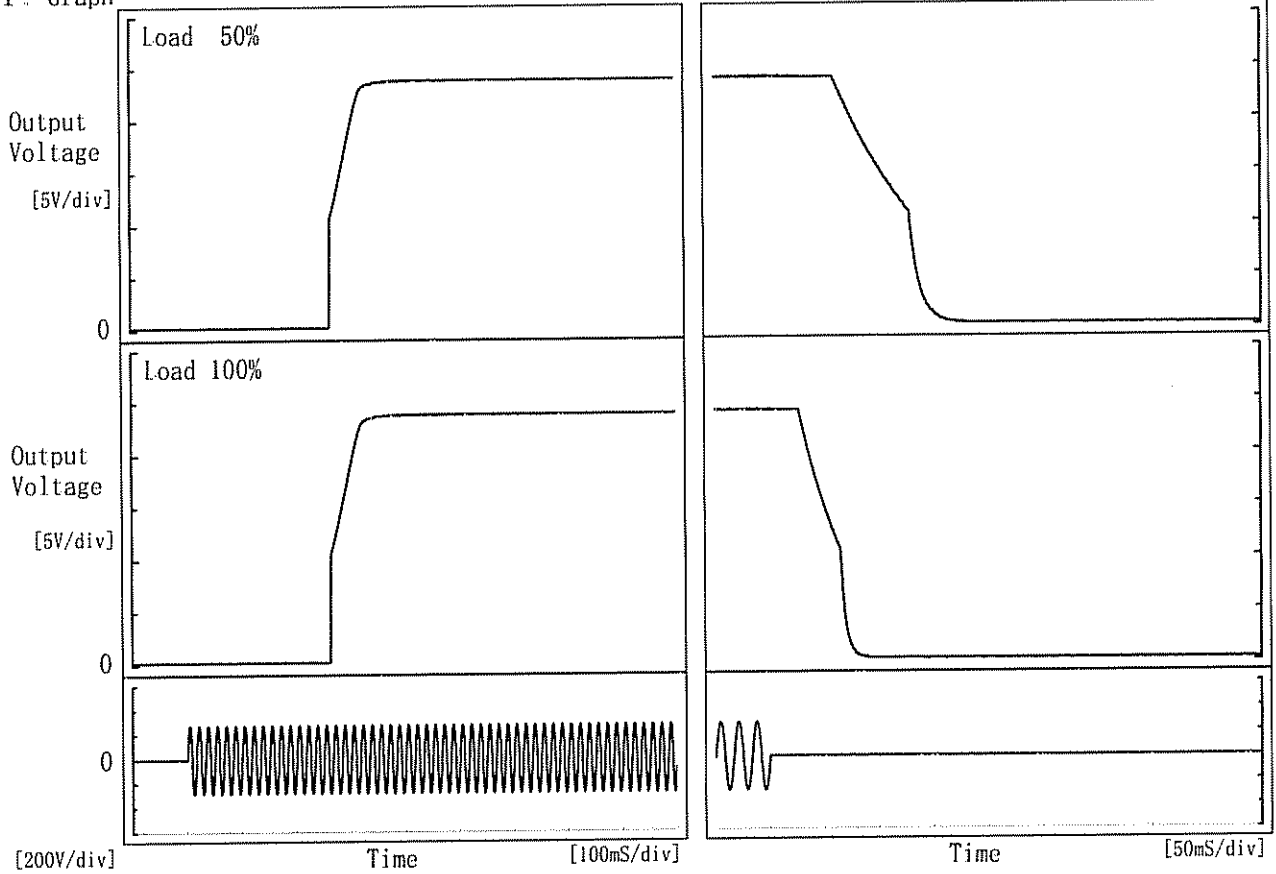




Model	ADA750F (ADA750F-24)	Temperature	25°C
Item	Rise and Fall Time 立上り、立下り時間	Testing Circuitry	Figure A
Object	V1:+24V31.5A		

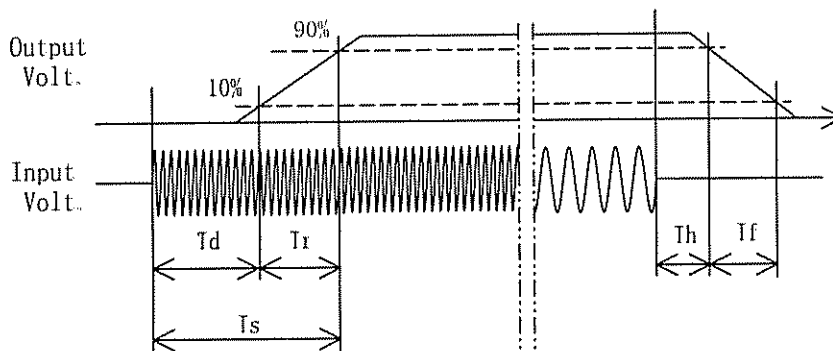
1. Graph

Input Volt. 200 V



2. Values

		[mS]				
Load	Time	Td	Tr	Ts	Th	Tf
	50 %		263.5	50.0	313.5	67.8
100 %		263.5	50.0	313.5	31.8	40.5





Model		ADA750F (ADA750F-24)		Testing Circuitry Figure A																																																			
Item		Ambient Temperature Drift 周囲温度変動																																																					
Object		VI:+24V31.5A																																																					
1. Graph		—△— Input Volt. 170 V	2. Values																																																				
		---□--- Input Volt. 200 V																																																					
		-·-○-·- Input Volt. 264 V																																																					
<p>Output Voltage [V]</p> <p>Ambient Temperature [°C]</p> <p>Load 100%</p>		<table border="1"> <thead> <tr> <th rowspan="2">Ambient Temperature [°C]</th> <th colspan="3">Output Voltage [V]</th> </tr> <tr> <th>Input Volt. 170[V]</th> <th>Input Volt. 200[V]</th> <th>Input Volt. 264[V]</th> </tr> </thead> <tbody> <tr><td>-20</td><td>23.964</td><td>23.964</td><td>23.965</td></tr> <tr><td>-10</td><td>23.966</td><td>23.966</td><td>23.966</td></tr> <tr><td>0</td><td>23.965</td><td>23.966</td><td>23.965</td></tr> <tr><td>10</td><td>23.970</td><td>23.970</td><td>23.970</td></tr> <tr><td>20</td><td>23.977</td><td>23.976</td><td>23.976</td></tr> <tr><td>25</td><td>23.979</td><td>23.979</td><td>23.980</td></tr> <tr><td>30</td><td>23.976</td><td>23.977</td><td>23.976</td></tr> <tr><td>40</td><td>23.969</td><td>23.969</td><td>23.969</td></tr> <tr><td>50</td><td>23.958</td><td>23.957</td><td>23.958</td></tr> <tr><td>60</td><td>23.948</td><td>23.949</td><td>23.948</td></tr> <tr><td>--</td><td>--</td><td>--</td><td>--</td></tr> </tbody> </table>			Ambient Temperature [°C]	Output Voltage [V]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	-20	23.964	23.964	23.965	-10	23.966	23.966	23.966	0	23.965	23.966	23.965	10	23.970	23.970	23.970	20	23.977	23.976	23.976	25	23.979	23.979	23.980	30	23.976	23.977	23.976	40	23.969	23.969	23.969	50	23.958	23.957	23.958	60	23.948	23.949	23.948	--	--	--	--
Ambient Temperature [°C]	Output Voltage [V]																																																						
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]																																																				
-20	23.964	23.964	23.965																																																				
-10	23.966	23.966	23.966																																																				
0	23.965	23.966	23.965																																																				
10	23.970	23.970	23.970																																																				
20	23.977	23.976	23.976																																																				
25	23.979	23.979	23.980																																																				
30	23.976	23.977	23.976																																																				
40	23.969	23.969	23.969																																																				
50	23.958	23.957	23.958																																																				
60	23.948	23.949	23.948																																																				
--	--	--	--																																																				
<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>																																																							

Model		ADA750F (ADA750F-24)	Testing Circuitry Figure A																																						
Item		Minimum Input Voltage for Regulated Output Voltage 最低レギュレーション電圧																																							
Object		V1:+24V31.5A																																							
1. Graph		<p>                     ---□--- Load 50%                      ——△—— Load 100%                 </p> <p>Input Voltage [V]</p> <p>Ambient Temperature [°C]</p>	2. Values																																						
		<table border="1"> <thead> <tr> <th rowspan="2">Ambient Temperature [°C]</th> <th colspan="2">Input Voltage [V]</th> </tr> <tr> <th>Load 50%</th> <th>Load 100%</th> </tr> </thead> <tbody> <tr><td>-20</td><td>66</td><td>67</td></tr> <tr><td>-10</td><td>67</td><td>67</td></tr> <tr><td>0</td><td>67</td><td>67</td></tr> <tr><td>10</td><td>67</td><td>67</td></tr> <tr><td>20</td><td>67</td><td>67</td></tr> <tr><td>25</td><td>67</td><td>67</td></tr> <tr><td>30</td><td>67</td><td>67</td></tr> <tr><td>40</td><td>67</td><td>67</td></tr> <tr><td>50</td><td>67</td><td>67</td></tr> <tr><td>60</td><td>67</td><td>67</td></tr> <tr><td>—</td><td>—</td><td>—</td></tr> </tbody> </table>	Ambient Temperature [°C]	Input Voltage [V]		Load 50%	Load 100%	-20	66	67	-10	67	67	0	67	67	10	67	67	20	67	67	25	67	67	30	67	67	40	67	67	50	67	67	60	67	67	—	—	—	
Ambient Temperature [°C]	Input Voltage [V]																																								
	Load 50%	Load 100%																																							
-20	66	67																																							
-10	67	67																																							
0	67	67																																							
10	67	67																																							
20	67	67																																							
25	67	67																																							
30	67	67																																							
40	67	67																																							
50	67	67																																							
60	67	67																																							
—	—	—																																							
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。																																									



<b>COSEL</b>																												
Model	ADA750F (ADA750F-24)																											
Item	Ripple Voltage (by Ambient Temp.) リップル電圧 (周囲温度特性)	Testing Circuitry Figure A																										
Object	V1: +24V31.5A																											
<p>1. Graph</p> <p style="text-align: center;">Ripple Voltage [mV]</p> <p style="text-align: center;">Ambient Temperature [°C]</p> <p>Input Volt. 200 V</p> <p>Load 100 %</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 Temperature [°C]</th> <th>Ripple Voltage [mV]</th> </tr> </thead> <tbody> <tr><td>-30</td><td>135</td></tr> <tr><td>-10</td><td>45</td></tr> <tr><td>0</td><td>45</td></tr> <tr><td>25</td><td>30</td></tr> <tr><td>50</td><td>25</td></tr> <tr><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td></tr> </tbody> </table>	Ambient Temperature [°C]	Ripple Voltage [mV]	-30	135	-10	45	0	45	25	30	50	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ambient Temperature [°C]	Ripple Voltage [mV]																											
-30	135																											
-10	45																											
0	45																											
25	30																											
50	25																											
--	--																											
--	--																											
--	--																											
--	--																											
--	--																											
--	--																											
--	--																											



<b>COSEL</b>																									
Model	ADA750F (ADA750F-24)	Temperature	25°C																						
Item	Time Lapse Drift 経時ドリフト	Testing Circuitry	Figure A																						
Object	V1:+24V31.5A																								
1. Graph		2. Values																							
<p style="text-align: center;">Time [H]</p> <p>Input Volt.    200V 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>23.970</td></tr> <tr><td>0.5</td><td>23.951</td></tr> <tr><td>1.0</td><td>23.951</td></tr> <tr><td>2.0</td><td>23.952</td></tr> <tr><td>3.0</td><td>23.952</td></tr> <tr><td>4.0</td><td>23.952</td></tr> <tr><td>5.0</td><td>23.951</td></tr> <tr><td>6.0</td><td>23.952</td></tr> <tr><td>7.0</td><td>23.951</td></tr> <tr><td>8.0</td><td>23.952</td></tr> </tbody> </table>		Time since start [H]	Output Voltage [V]	0.0	23.970	0.5	23.951	1.0	23.951	2.0	23.952	3.0	23.952	4.0	23.952	5.0	23.951	6.0	23.952	7.0	23.951	8.0	23.952
Time since start [H]	Output Voltage [V]																								
0.0	23.970																								
0.5	23.951																								
1.0	23.951																								
2.0	23.952																								
3.0	23.952																								
4.0	23.952																								
5.0	23.951																								
6.0	23.952																								
7.0	23.951																								
8.0	23.952																								



<b>COSEL</b>		
Model	ADA750F (ADA750F-24)	
Item	Output Voltage Accuracy 定電圧精度	Testing Circuitry Figure A
Object	V1:+24V31.5A	

1. 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 ~ 264V

Load Current : 0 ~ 31.5A

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

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

1. 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 ~ 264V

負荷電流 : 0 ~ 31.5A

\* 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) =  $\frac{\text{変動値}}{\text{定格出力電圧}} \times 100$

2. Values

Item	Temperature [°C]	Input Voltage [V]	Output		Output Voltage Accuracy	
			Current [A]	Voltage [V]	Value [mV]	Ration [%]
Maximum Voltage	25	170	0	24.013	±31	±0.1
Minimum Voltage	50	170	31.5	23.952		





<b>COSEL</b>			
Model	ADA750F (ADA750F-24)	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) DEN-AN	—	—	—
(B) IEC60950	—	—	—

Standards	Leakage Current [mA]		
	Input Volt. 170 [V]	Input Volt. 240 [V]	Input Volt. 264 [V]
(B) IEC60950	0.39	0.56	0.61

2. Condition

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

交流入力各相について測定し、その大きい方を漏洩電流測定値とする。

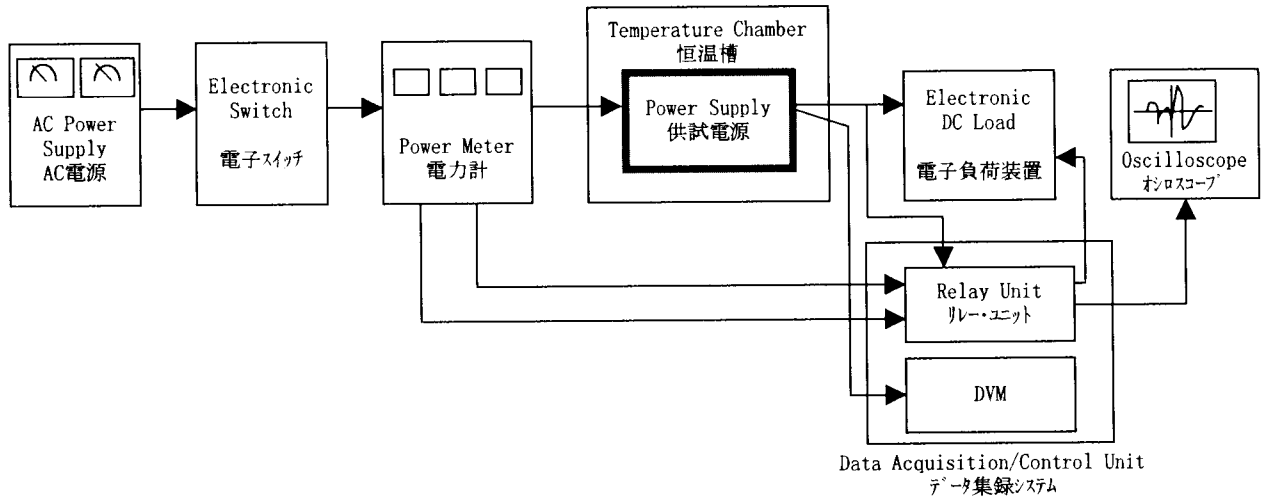


Figure A

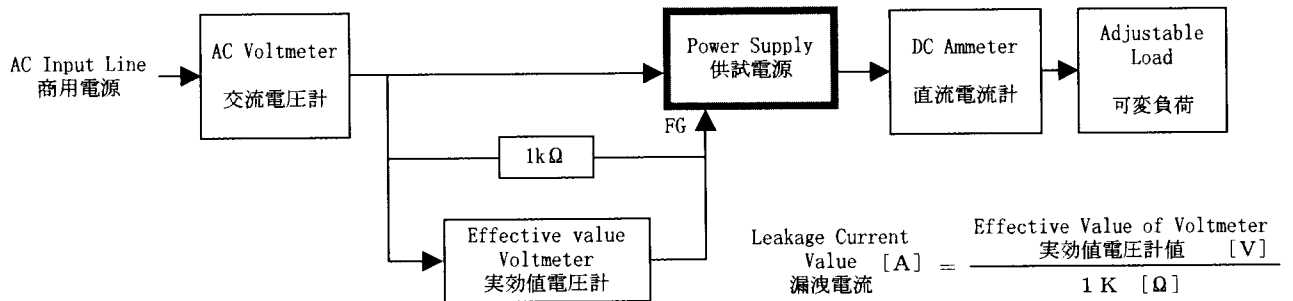


Figure B ( DEN-AN )

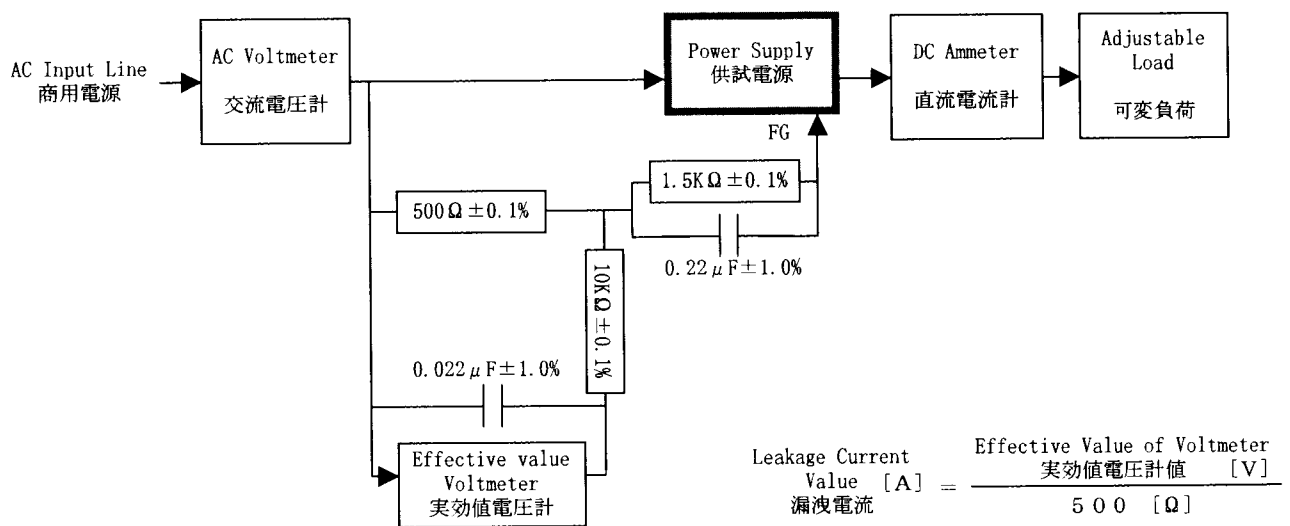


Figure B ( IEC60950 )