



TEST DATA OF CDS6004812

(48V INPUT)

Regulated DC Power Supply

July 2, 2001

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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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ModelCDS6004812		Temperature25℃																																																															
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Object	+12.5V56A																																																																
1. Graph		2. Values																																																															
<div><div><div><div>□</div><div>-----</div><div>Load 50%</div></div><div><div>△</div><div>-----</div><div>Load 100%</div></div></div><div><div>Output Voltage [V]</div><div><div>12.900</div><div>12.800</div><div>12.700</div><div>12.600</div><div>12.500</div><div>12.400</div><div>12.300</div><div>12.200</div></div><div><div>20</div><div>40</div><div>60</div><div>80</div><div>100</div></div><div>Input Voltage [V]</div></div><table><thead><tr><th>Input Voltage [V]</th><th>Output Voltage [V] Load 50%</th><th>Output Voltage [V] Load 100%</th></tr></thead><tbody><tr><td>33</td><td>12.578</td><td>12.585</td></tr><tr><td>36</td><td>12.578</td><td>12.583</td></tr><tr><td>40</td><td>12.578</td><td>12.582</td></tr><tr><td>48</td><td>12.577</td><td>12.580</td></tr><tr><td>54</td><td>12.576</td><td>12.579</td></tr><tr><td>60</td><td>12.575</td><td>12.579</td></tr><tr><td>68</td><td>12.573</td><td>12.579</td></tr><tr><td>76</td><td>12.571</td><td>12.579</td></tr><tr><td>80</td><td>12.571</td><td>12.578</td></tr></tbody></table></div> <div><div>Note: Slanted line shows the range of the rated input voltage.</div><div>(注)斜線は定格入力電圧範囲を示す。</div></div>		Input Voltage [V]	Output Voltage [V] Load 50%	Output Voltage [V] Load 100%	33	12.578	12.585	36	12.578	12.583	40	12.578	12.582	48	12.577	12.580	54	12.576	12.579	60	12.575	12.579	68	12.573	12.579	76	12.571	12.579	80	12.571	12.578	<table><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>33</td><td>12.578</td><td>12.585</td></tr><tr><td>36</td><td>12.578</td><td>12.583</td></tr><tr><td>40</td><td>12.578</td><td>12.582</td></tr><tr><td>48</td><td>12.577</td><td>12.580</td></tr><tr><td>54</td><td>12.576</td><td>12.579</td></tr><tr><td>60</td><td>12.575</td><td>12.579</td></tr><tr><td>68</td><td>12.573</td><td>12.579</td></tr><tr><td>76</td><td>12.571</td><td>12.579</td></tr><tr><td>80</td><td>12.571</td><td>12.578</td></tr></tbody></table>		Input Voltage [V]	Output Voltage [V]		Load 50%	Load 100%	33	12.578	12.585	36	12.578	12.583	40	12.578	12.582	48	12.577	12.580	54	12.576	12.579	60	12.575	12.579	68	12.573	12.579	76	12.571	12.579	80	12.571	12.578
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CDS6004812		Temperature 25℃	
Input Current (by Input Voltage) 入力電流 (入力電圧特性)		Testing Circuitry Figure A	
Object			
1. Graph		2. Values	

△ Load 100%

□ Load 50%

○ Load 0%

[A]

50.00

40.00

30.00

20.00

10.00

0.00

0

20

40

60

80

100

Input Voltage

[V]

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

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Input Voltage [V]	Input Current [A]		
	Load 0%	Load 50%	Load 100%
0.0	0.000	0.000	0.000
25.0	0.024	0.022	0.022
30.0	0.054	12.450	22.550
33.0	0.049	11.960	24.940
36.0	0.045	10.860	23.010
40.0	0.041	9.750	20.530
48.0	0.039	8.120	16.960
54.0	0.036	7.220	15.030
60.0	0.035	6.510	13.500
68.0	0.033	5.760	11.910
76.0	0.034	5.170	10.670
80.0	0.034	4.920	10.150
—	—	—	—
—	—	—	—
—	—	—	—
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COSEL

Model		CDS6004812		Temperature		25℃																																																								
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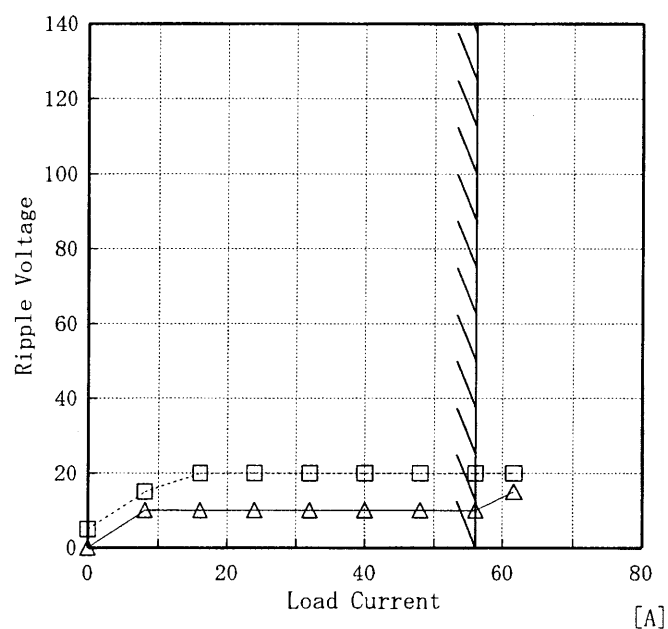
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1. Graph		2. Values	
<div><div><div><div>△</div><div>Input Volt. 36 V</div></div><div><div>□</div><div>Input Volt. 48 V</div></div><div><div>○</div><div>Input Volt. 76 V</div></div></div><div><div><div>Output Voltage [V]</div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></di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COSEL

Model	CDS6004812
Item	Ripple Voltage (by Load Current) リップル電圧 (負荷特性)
Object	+12.5V 56A

Temperature 25°C
Testing Circuitry Figure A

1. Graph
- △— Input Volt. 36V
- -□- - Input Volt. 76V



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。

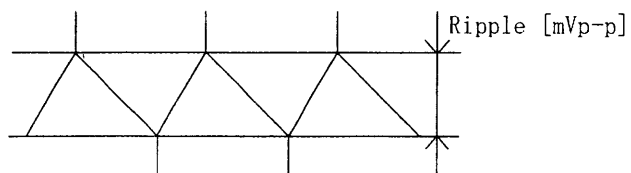
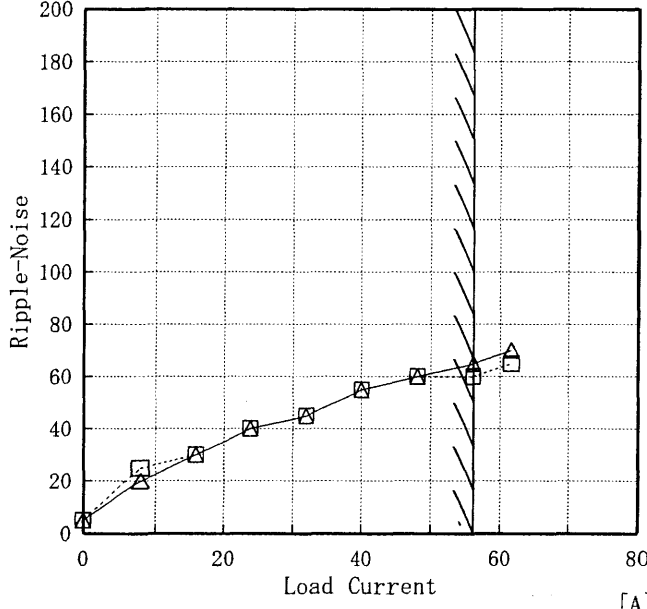
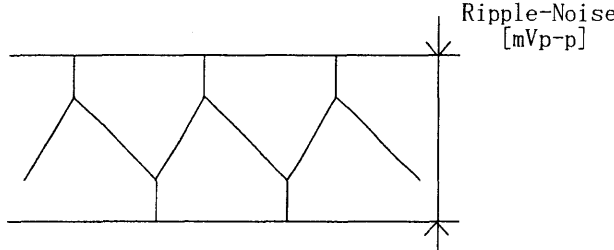


図 リップル波形図

2. Values

Load Current [A]	Ripple Output Volt. [mV]	
	Input Volt. 36 [V]	Input Volt. 76 [V]
0.0	0	5
8.0	10	15
16.0	10	20
24.0	10	20
32.0	10	20
40.0	10	20
48.0	10	20
56.0	10	20
61.6	15	20
—	—	—
—	—	—

COSEL

Model CDS6004812		Temperature 25°C Testing Circuitry Figure A																																						
Item	Ripple-Noise リップルノイズ																																							
Object	+12.5V 56A																																							
<p>1. Graph</p> <p>—△— Input Volt. 36V - - -□- - - Input Volt. 76V</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>  <p>図 リップルノイズ波形図</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. 36 [V]</th><th>Input Volt. 76 [V]</th></tr> </thead> <tbody> <tr><td>0.0</td><td>5</td><td>5</td></tr> <tr><td>8.0</td><td>20</td><td>25</td></tr> <tr><td>16.0</td><td>30</td><td>30</td></tr> <tr><td>24.0</td><td>40</td><td>40</td></tr> <tr><td>32.0</td><td>45</td><td>45</td></tr> <tr><td>40.0</td><td>55</td><td>55</td></tr> <tr><td>48.0</td><td>60</td><td>60</td></tr> <tr><td>56.0</td><td>65</td><td>60</td></tr> <tr><td>61.6</td><td>70</td><td>65</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. 36 [V]	Input Volt. 76 [V]	0.0	5	5	8.0	20	25	16.0	30	30	24.0	40	40	32.0	45	45	40.0	55	55	48.0	60	60	56.0	65	60	61.6	70	65	—	—	—	—	—	—
Load current [A]	Ripple-Noise [mV]																																							
	Input Volt. 36 [V]	Input Volt. 76 [V]																																						
0.0	5	5																																						
8.0	20	25																																						
16.0	30	30																																						
24.0	40	40																																						
32.0	45	45																																						
40.0	55	55																																						
48.0	60	60																																						
56.0	65	60																																						
61.6	70	65																																						
—	—	—																																						
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COSEL

COSEL																																																									
Model	CDS6004812	Temperature	25℃																																																						
Item	Overcurrent Protection 過電流保護	Testing Circuitry	Figure A																																																						
Object	+12.5V56A																																																								
1. Graph		2. Values																																																							
[V]	<div><div></div>Input Volt. 36 V</div> <div><div></div>Input Volt. 48 V</div> <div><div></div>Input Volt. 76 V</div>																																																								
<div><div>Output Voltage</div><div>[V]</div><div>20.0</div><div>15.0</div><div>10.0</div><div>5.0</div><div>0.0</div></div> <div><div>0</div><div>20</div><div>40</div><div>60</div><div>80</div><div>100</div></div> <div><div>Load Current</div><div>[A]</div></div>	<table><tr><th rowspan="2">Output Voltage [V]</th><th colspan="3">Load Current [A]</th></tr><tr><th>Input Volt. 36[V]</th><th>Input Volt. 48[V]</th><th>Input Volt. 76[V]</th></tr><tr><td>12.50</td><td>66.76</td><td>68.04</td><td>73.27</td></tr><tr><td>11.88</td><td>66.87</td><td>68.61</td><td>73.90</td></tr><tr><td>11.25</td><td>67.03</td><td>68.99</td><td>74.57</td></tr><tr><td>10.00</td><td>67.92</td><td>69.87</td><td>76.09</td></tr><tr><td>8.75</td><td>68.51</td><td>70.81</td><td>76.96</td></tr><tr><td>7.50</td><td>69.21</td><td>71.76</td><td>78.05</td></tr><tr><td>6.25</td><td>—</td><td>—</td><td>—</td></tr><tr><td>5.00</td><td>—</td><td>—</td><td>—</td></tr><tr><td>3.75</td><td>—</td><td>—</td><td>—</td></tr><tr><td>2.50</td><td>—</td><td>—</td><td>—</td></tr><tr><td>1.25</td><td>—</td><td>—</td><td>—</td></tr><tr><td>0.00</td><td>—</td><td>—</td><td>—</td></tr></table>		Output Voltage [V]	Load Current [A]			Input Volt. 36[V]	Input Volt. 48[V]	Input Volt. 76[V]	12.50	66.76	68.04	73.27	11.88	66.87	68.61	73.90	11.25	67.03	68.99	74.57	10.00	67.92	69.87	76.09	8.75	68.51	70.81	76.96	7.50	69.21	71.76	78.05	6.25	—	—	—	5.00	—	—	—	3.75	—	—	—	2.50	—	—	—	1.25	—	—	—	0.00	—	—	—
Output Voltage [V]	Load Current [A]																																																								
	Input Volt. 36[V]	Input Volt. 48[V]	Input Volt. 76[V]																																																						
12.50	66.76	68.04	73.27																																																						
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0.00	—	—	—																																																						
<div>Note: Slanted line shows the range of the rated load current.</div> <div>Intermittent operation occurs when the output voltage is from 7.5V to 0V.</div> <div>(注) 斜線は定格負荷電流範囲を示す。</div> <div>7.5V～0V間は、間欠モードとなる。</div>																																																									

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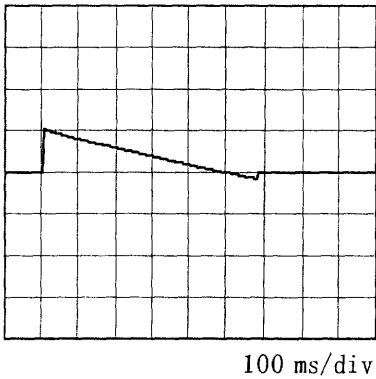
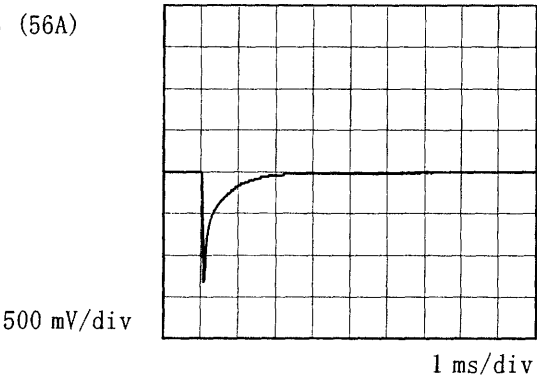
COSEL

Model	CDS6004812		
Item	Dynamic Load Response 動的負荷変動	Temperature	25℃
Object	+12.5V56A	Testing Circuitry	Figure A

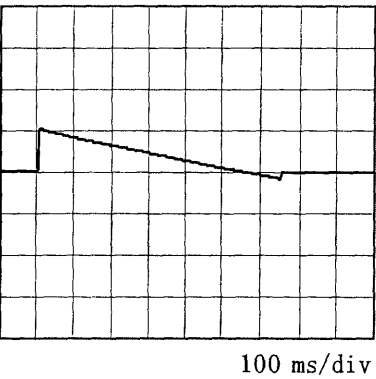
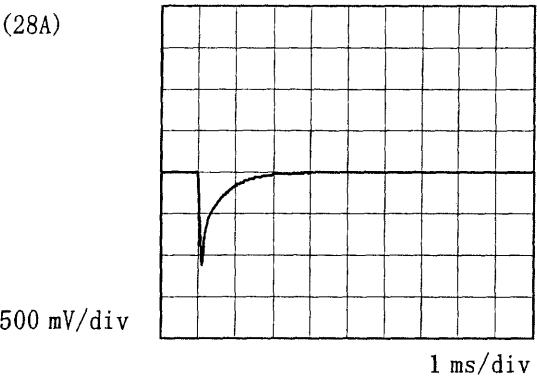
Input Volt. 48 V
Cycle 1000 ms



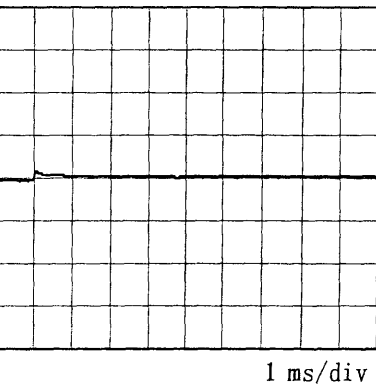
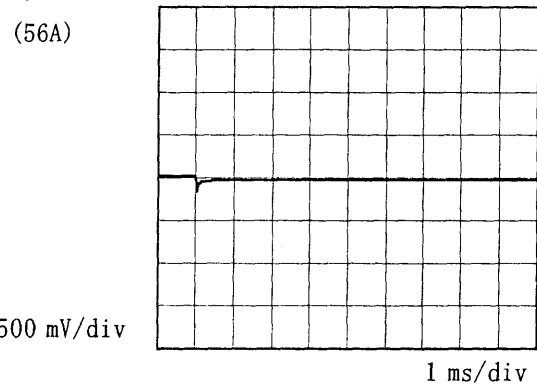
Min. Load (0A) \longleftrightarrow
Load 100% (56A)

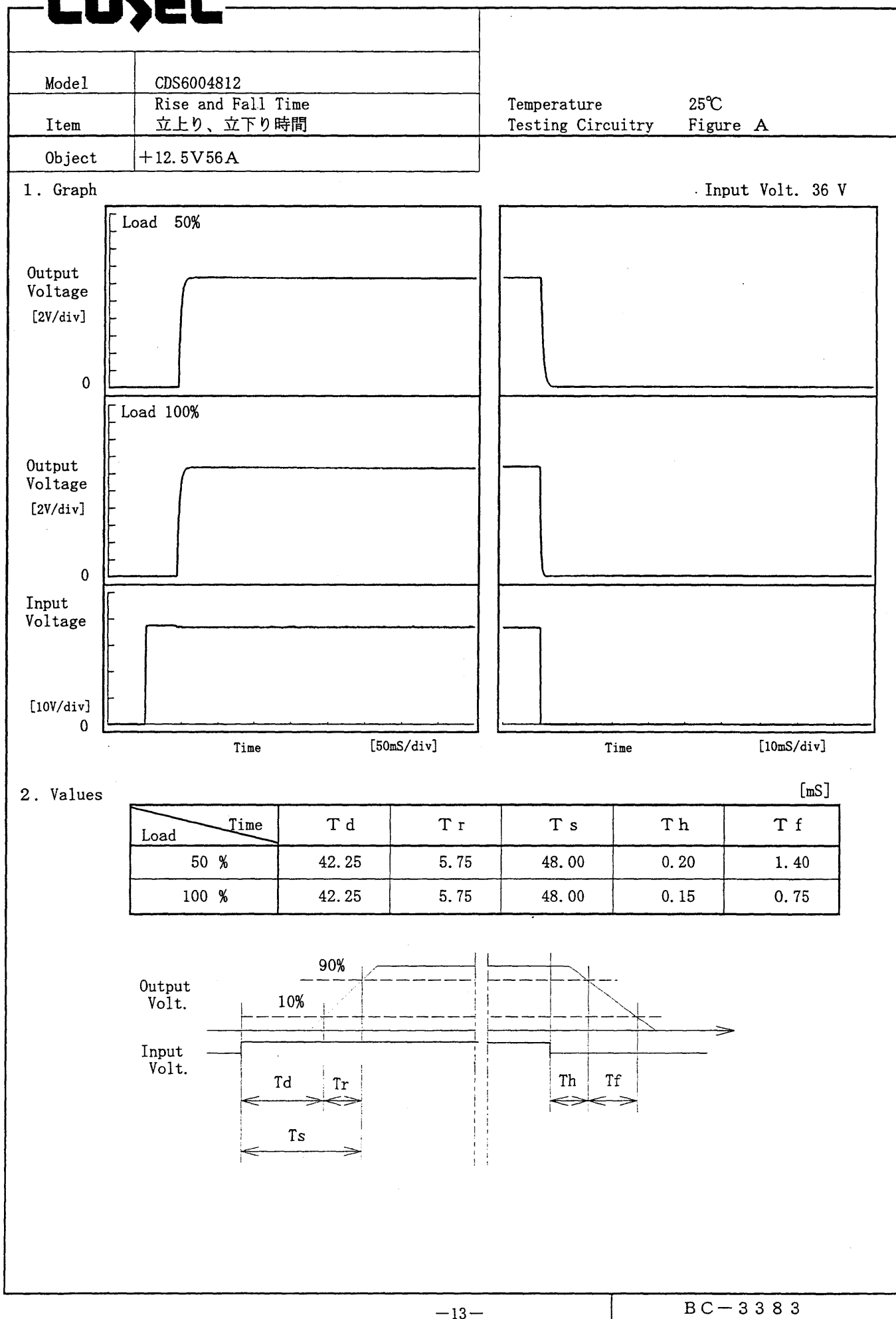


Min. Load (0A) \longleftrightarrow
Load 50% (28A)

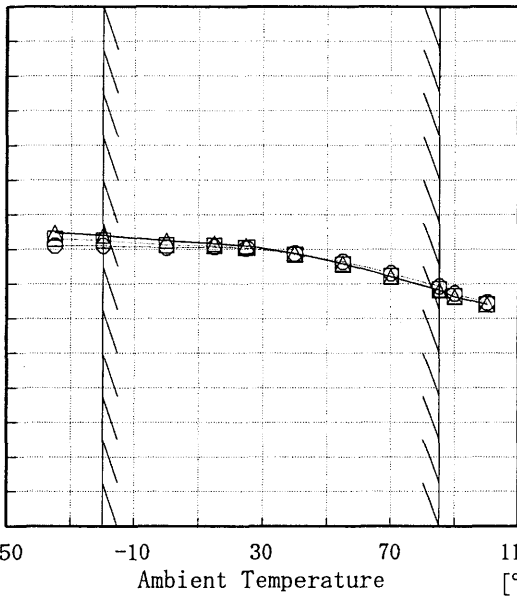


Load 10% (5.6A) \longleftrightarrow
Load 100% (56A)



COSEL

COSEL

Model		CDS6004812		Testing Circuitry Figure A																																																				
Item		Ambient Temperature Drift 周囲温度変動																																																						
Object		+12.5V56A																																																						
1. Graph		<div><div>△</div> Input Volt. 36V</div> <div><div>□</div> Input Volt. 48V</div> <div><div>○</div> Input Volt. 76V</div>		2. Values																																																				
<div><div>[V]</div><div><div>12.900</div><div>12.800</div><div>12.700</div><div>12.600</div><div>12.500</div><div>12.400</div><div>12.300</div><div>12.200</div></div><div>Output Voltage</div><div><div>-50</div><div>-10</div><div>30</div><div>70</div><div>110</div></div><div>Ambient Temperature</div><div>[°C]</div></div> <div><div>Load 100%</div></div>				<table><tr><th rowspan="2">Ambient Temperature [°C]</th><th colspan="3">Output Voltage [V]</th></tr><tr><th>Input Volt. 36[V]</th><th>Input Volt. 48[V]</th><th>Input Volt. 76[V]</th></tr><tr><td>-35</td><td>12.624</td><td>12.615</td><td>12.605</td></tr><tr><td>-20</td><td>12.620</td><td>12.613</td><td>12.605</td></tr><tr><td>0</td><td>12.612</td><td>12.606</td><td>12.602</td></tr><tr><td>15</td><td>12.608</td><td>12.605</td><td>12.603</td></tr><tr><td>25</td><td>12.605</td><td>12.602</td><td>12.601</td></tr><tr><td>40</td><td>12.594</td><td>12.592</td><td>12.594</td></tr><tr><td>55</td><td>12.579</td><td>12.578</td><td>12.582</td></tr><tr><td>70</td><td>12.560</td><td>12.561</td><td>12.565</td></tr><tr><td>85</td><td>12.541</td><td>12.542</td><td>12.546</td></tr><tr><td>90</td><td>12.531</td><td>12.532</td><td>12.536</td></tr><tr><td>100</td><td>12.520</td><td>12.520</td><td>12.523</td></tr></table>		Ambient Temperature [°C]	Output Voltage [V]			Input Volt. 36[V]	Input Volt. 48[V]	Input Volt. 76[V]	-35	12.624	12.615	12.605	-20	12.620	12.613	12.605	0	12.612	12.606	12.602	15	12.608	12.605	12.603	25	12.605	12.602	12.601	40	12.594	12.592	12.594	55	12.579	12.578	12.582	70	12.560	12.561	12.565	85	12.541	12.542	12.546	90	12.531	12.532	12.536	100	12.520	12.520	12.523
Ambient Temperature [°C]	Output Voltage [V]																																																							
	Input Volt. 36[V]	Input Volt. 48[V]	Input Volt. 76[V]																																																					
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0	12.612	12.606	12.602																																																					
15	12.608	12.605	12.603																																																					
25	12.605	12.602	12.601																																																					
40	12.594	12.592	12.594																																																					
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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。																																																								

COSEL

Model		CDS6004812	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		+12.5V56A																																						
1. Graph		<div><div><div>□</div><div>Load 50%</div></div><div><div>△</div><div>Load 100%</div></div></div> <p>Input Voltage [V]</p> <p>Ambient Temperature [°C]</p>	2. Values																																					
		<table><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><tr><td>-35</td><td>28.6</td><td>30.0</td></tr><tr><td>-20</td><td>28.6</td><td>30.1</td></tr><tr><td>0</td><td>28.7</td><td>30.2</td></tr><tr><td>15</td><td>28.7</td><td>30.3</td></tr><tr><td>25</td><td>28.7</td><td>30.4</td></tr><tr><td>40</td><td>28.8</td><td>30.5</td></tr><tr><td>55</td><td>28.8</td><td>30.6</td></tr><tr><td>70</td><td>28.8</td><td>30.8</td></tr><tr><td>85</td><td>28.8</td><td>30.8</td></tr><tr><td>90</td><td>28.8</td><td>30.9</td></tr><tr><td>100</td><td>28.9</td><td>31.0</td></tr></table>		Ambient Temperature [°C]	Input Voltage [V]		Load 50%	Load 100%	-35	28.6	30.0	-20	28.6	30.1	0	28.7	30.2	15	28.7	30.3	25	28.7	30.4	40	28.8	30.5	55	28.8	30.6	70	28.8	30.8	85	28.8	30.8	90	28.8	30.9	100	28.9
Ambient Temperature [°C]	Input Voltage [V]																																							
	Load 50%	Load 100%																																						
-35	28.6	30.0																																						
-20	28.6	30.1																																						
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25	28.7	30.4																																						
40	28.8	30.5																																						
55	28.8	30.6																																						
70	28.8	30.8																																						
85	28.8	30.8																																						
90	28.8	30.9																																						
100	28.9	31.0																																						

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		CDS6004812	Testing Circuitry	Figure A
Item		Ripple Voltage (by Ambient Temp.) リップル電圧 (周囲温度特性)		
Object		+12.5V56A		

1. Graph

-----□----- Load 50%

-----△----- Load 100%

[mV]

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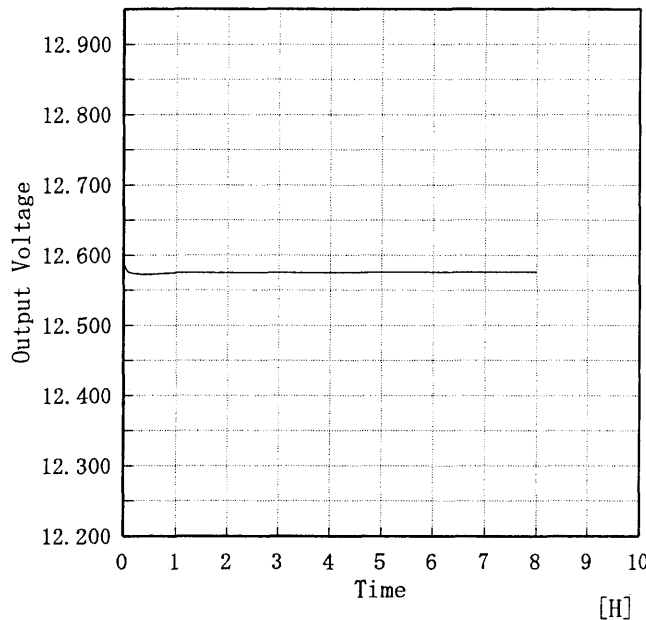
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COSEL

COSEL																									
Model	CDS6004812																								
Item	Time Lapse Drift 経時ドリフト	Temperature	25℃																						
Object	+12.5V56A	Testing Circuitry	Figure A																						
1. Graph		2. Values																							
<div>[V]</div> <div></div> <div>Output Voltage</div> <div>Time</div> <div>[H]</div> <div>Input Volt. 48V</div> <div>Load 100%</div>		<table><tr><th>Time since start [H]</th><th>Output Voltage [V]</th></tr><tr><td>0.0</td><td>12.597</td></tr><tr><td>0.5</td><td>12.573</td></tr><tr><td>1.0</td><td>12.575</td></tr><tr><td>2.0</td><td>12.575</td></tr><tr><td>3.0</td><td>12.575</td></tr><tr><td>4.0</td><td>12.575</td></tr><tr><td>5.0</td><td>12.576</td></tr><tr><td>6.0</td><td>12.576</td></tr><tr><td>7.0</td><td>12.576</td></tr><tr><td>8.0</td><td>12.576</td></tr></table>		Time since start [H]	Output Voltage [V]	0.0	12.597	0.5	12.573	1.0	12.575	2.0	12.575	3.0	12.575	4.0	12.575	5.0	12.576	6.0	12.576	7.0	12.576	8.0	12.576
Time since start [H]	Output Voltage [V]																								
0.0	12.597																								
0.5	12.573																								
1.0	12.575																								
2.0	12.575																								
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4.0	12.575																								
5.0	12.576																								
6.0	12.576																								
7.0	12.576																								
8.0	12.576																								

COSEL

Model	CDS6004812	Testing Circuitry Figure A
Item	Output Voltage Accuracy 定電圧精度	
Object	+12.5V56A	

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 : -20~85 °C

Input Voltage : 36~ 76 V

Load Current : 0~56 A

* 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 -20~85 °C

入力電圧 36~ 76 V

負荷電流 0~56 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) = $\frac{\text{変動値}}{\text{定格出力電圧}} \times 100$

2. Values

Item	Temperature [°C]	Input Voltage [V]	Output Current [A]	Output Voltage [V]	Output Voltage Accuracy [mV]	Output Voltage Accuracy (Ration) [%]
Maximum Voltage	-20	36	56	12.621	±62	±0.5
Minimum Voltage	85	36	0	12.498		

COSEL

Model	CDS6004812	Temperature 25°C Testing Circuitry Figure B
Item	Line Noise Tolerance 入力雑音耐量	
Object	+12.5V56A	

1. Results

Pulse Width [n S]	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

Conditions

Input Voltage : 48 V
 Pulse Voltage : ± 2000 V
 Pulse Cycle : 10 mS
 Pulse Input Duration: 1 min. or more
 Load : 100 %

