



TEST DATA OF MAX3200T

M3T-IHGFEDCB-00
(200V INPUT)

Modular power supply
May 18, 2001

Approved by : Takahiro Yoneda
Takahiro Yoneda Design Manager

Prepared by : Kazunari Asano
Kazunari Asano Design Engineer

INPUT : AC 170~264V(3-phase)

OUTPUT : V1: 3.3V 80A
V2: 5V 80A
V3: 7.5V 54A
V4: 12V 34A
V5: 15V 27A
V6: 18V 22A
V7: 24V 17A
V8: 28V 14.5A

コーセル株式会社
COSEL CO.,LTD.

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COSEL																																			
Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase																																
Item	Line Regulation 静的入力変動	Temperature	25°C																																
Object	V1:+3.3V80A	Testing Circuitry	Figure A																																
<p>1. Graph</p> <p style="text-align: right;"> ---□--- Load 50% —△— Load 100% </p>		<p>2. Values</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>3.344</td><td>3.333</td></tr> <tr><td>160</td><td>3.344</td><td>3.333</td></tr> <tr><td>170</td><td>3.344</td><td>3.333</td></tr> <tr><td>180</td><td>3.344</td><td>3.333</td></tr> <tr><td>200</td><td>3.344</td><td>3.332</td></tr> <tr><td>220</td><td>3.344</td><td>3.332</td></tr> <tr><td>240</td><td>3.344</td><td>3.332</td></tr> <tr><td>264</td><td>3.344</td><td>3.332</td></tr> <tr><td>280</td><td>3.344</td><td>3.332</td></tr> </tbody> </table>		Input Voltage [V]	Output Voltage [V]		Load 50%	Load 100%	150	3.344	3.333	160	3.344	3.333	170	3.344	3.333	180	3.344	3.333	200	3.344	3.332	220	3.344	3.332	240	3.344	3.332	264	3.344	3.332	280	3.344	3.332
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Object		V2:+5V80A																																	
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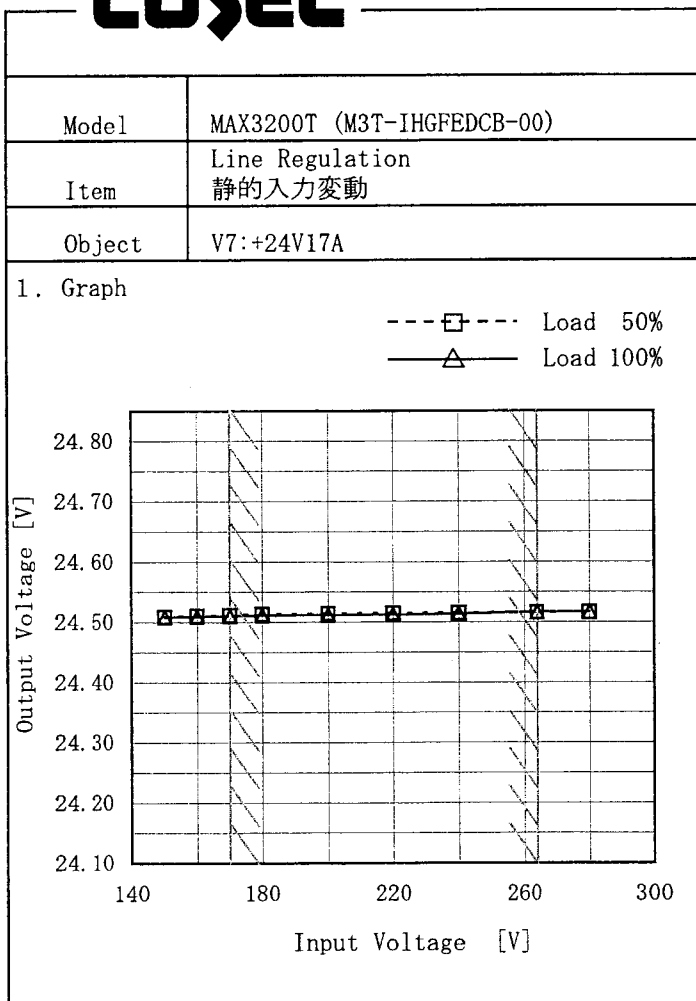
Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase																																
Item	Line Regulation 静の入力変動	Temperature	25°C																																
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Object	V4:+12V34A	2. Values																																	
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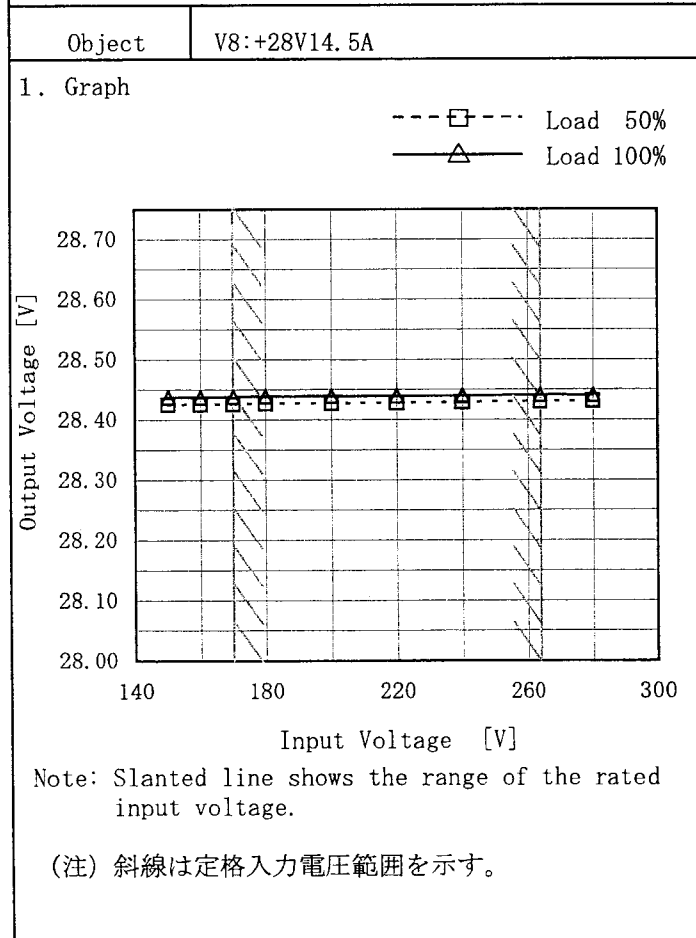
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264	15.344	15.344																																	
280	15.344	15.344																																	

Object		V6:+18V22A																																	
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2. Values

Input Voltage [V]	Output Voltage [V]	
	Load 50%	Load 100%
150	24.509	24.509
160	24.510	24.510
170	24.512	24.511
180	24.513	24.512
200	24.514	24.512
220	24.515	24.513
240	24.516	24.514
264	24.516	24.517
280	24.517	24.517



2. Values

Input Voltage [V]	Output Voltage [V]	
	Load 50%	Load 100%
150	28.425	28.437
160	28.425	28.437
170	28.426	28.439
180	28.427	28.439
200	28.427	28.439
220	28.428	28.440
240	28.429	28.439
264	28.430	28.441
280	28.431	28.441



<p>Model MAX3200T (M3T-IHGFEDCB-00)</p>		<p>Input AC 3-phase</p>																																																			
<p>Item Input Current (by Load Current) 入力電流 (負荷電力特性)</p>		<p>Temperature 25°C</p>																																																			
<p>Object _____</p>		<p>Testing Circuitry Figure A</p>																																																			
<p>1. Graph</p> <p> Input Volt. 170 V Input Volt. 200 V Input Volt. 264 V </p> <p style="text-align: center;">Load Power [W]</p>		<p>2. Values</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</td><td>0.380</td><td>0.376</td><td>0.392</td></tr> <tr><td>500</td><td>2.537</td><td>2.325</td><td>2.038</td></tr> <tr><td>1000</td><td>4.414</td><td>3.856</td><td>3.253</td></tr> <tr><td>1500</td><td>6.403</td><td>5.513</td><td>4.432</td></tr> <tr><td>2000</td><td>8.473</td><td>7.240</td><td>5.687</td></tr> <tr><td>2500</td><td>10.623</td><td>9.033</td><td>6.998</td></tr> <tr><td>3092</td><td>13.281</td><td>11.240</td><td>8.611</td></tr> <tr><td>3401</td><td>14.713</td><td>12.424</td><td>9.475</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	0.380	0.376	0.392	500	2.537	2.325	2.038	1000	4.414	3.856	3.253	1500	6.403	5.513	4.432	2000	8.473	7.240	5.687	2500	10.623	9.033	6.998	3092	13.281	11.240	8.611	3401	14.713	12.424	9.475	--	--	--	--	--	--	--	--	--	--	--	--
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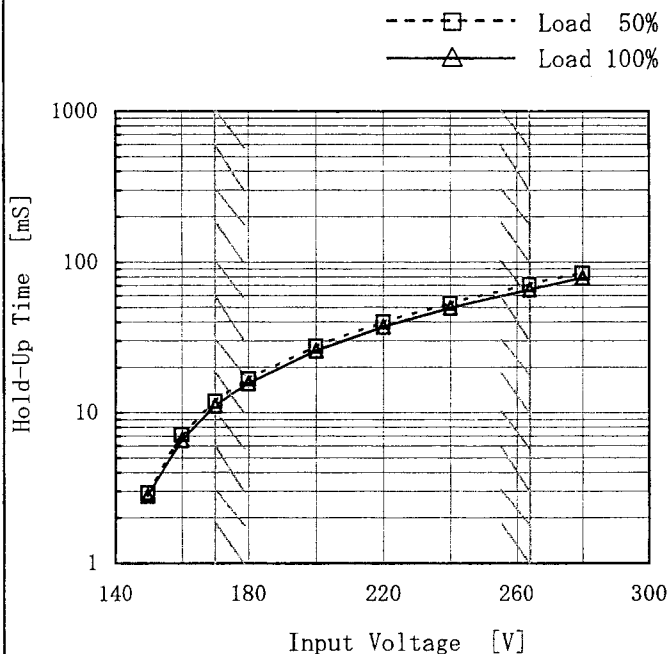
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Model	MAX3200T (M3T-IHGFEDCB-00)
Item	Hold-Up Time 出力保持時間
Object	V5:+15V27A

Input	AC 3-phase
Temperature	25°C
Testing Circuitry	Figure A

1. Graph



2. Values

Input Voltage [V]	Hold-Up Time [mS]	
	Load 50%	Load 100%
150	3	3
160	7	7
170	12	11
180	17	16
200	28	26
220	40	37
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<p>Model MAX3200T (M3T-IHGFEDCB-00)</p> <p>Item Hold-Up Time 出力保持時間</p> <p>Object V6:+18V22A</p>		<p>Input AC 3-phase</p> <p>Temperature 25°C</p> <p>Testing Circuitry Figure A</p>																																
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180	16	16																																
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<p>Object V7:+24V17A</p>		<p>Testing Circuitry Figure A</p>																																
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Item		Instantaneous Interruption Compensation (by Load Current) 瞬時停電保障(負荷電流特性)		Temperature		25°C																																																				
Object		V1:+3.3V80A		Testing Circuitry		Figure A																																																				
1. Graph				2. Values																																																						
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Item		Instantaneous Interruption Compensation (by Load Current) 瞬時停電保障(負荷電流特性)		Temperature	25°C																																																				
Object		V2:+5V80A		Testing Circuitry	Figure A																																																				
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Item		Instantaneous Interruption Compensation (by Load Current) 瞬時停電保障(負荷電流特性)		Temperature		25°C																																																				
Object		V3:+7.5V54A		Testing Circuitry		Figure A																																																				
1. Graph				2. Values																																																						
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Item		Instantaneous Interruption Compensation (by Load Current) 瞬時停電保障(負荷電流特性)		Temperature		25°C																																																				
Object		V4:+12V34A		Testing Circuitry		Figure A																																																				
1. Graph				2. Values																																																						
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Object		V5:+15V27A		Testing Circuitry		Figure A																																																				
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Object		V6:+18V22A		Testing Circuitry		Figure A																																																				
1. Graph				2. Values																																																						
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8.0	9	25	69																																																							
12.0	9	25	67																																																							
16.0	9	24	66																																																							
20.0	9	24	64																																																							
22.0	8	23	63																																																							
24.2	8	23	62																																																							
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Model		MAX3200T (M3T-IHGFEDCB-00)		Input		AC 3-phase																																																				
Item		Instantaneous Interruption Compensation (by Load Current) 瞬時停電保障(負荷電流特性)		Temperature		25°C																																																				
Object		V7:+24V17A		Testing Circuitry		Figure A																																																				
1. Graph				2. Values																																																						
<p>—△— Input Volt. 170 V ---□--- Input Volt. 200 V ---○--- Input Volt. 264 V</p> <p>Instantaneous Compensation Time [mS]</p> <p>Load Current [A]</p>				<table border="1"> <thead> <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> </thead> <tbody> <tr><td>0.0</td><td>—</td><td>—</td><td>—</td></tr> <tr><td>3.0</td><td>10</td><td>26</td><td>71</td></tr> <tr><td>6.0</td><td>9</td><td>26</td><td>69</td></tr> <tr><td>9.0</td><td>9</td><td>25</td><td>67</td></tr> <tr><td>12.0</td><td>9</td><td>24</td><td>66</td></tr> <tr><td>15.0</td><td>9</td><td>24</td><td>64</td></tr> <tr><td>17.0</td><td>8</td><td>23</td><td>64</td></tr> <tr><td>18.7</td><td>8</td><td>23</td><td>62</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]	Time [mS]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	0.0	—	—	—	3.0	10	26	71	6.0	9	26	69	9.0	9	25	67	12.0	9	24	66	15.0	9	24	64	17.0	8	23	64	18.7	8	23	62	--	—	—	—	--	—	—	—	--	—	—	—
Load Current [A]	Time [mS]																																																									
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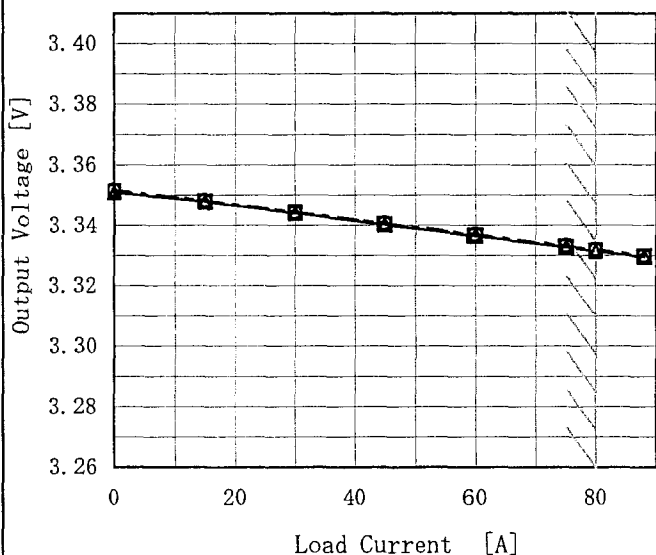
Model		MAX3200T (M3T-IHGFEDCB-00)		Input		AC 3-phase																																																				
Item		Instantaneous Interruption Compensation (by Load Current) 瞬時停電保障(負荷電流特性)		Temperature		25°C																																																				
Object		V8:+28V14.5A		Testing Circuitry		Figure A																																																				
1. Graph				2. Values																																																						
<p>—△— Input Volt. 170 V ---□--- Input Volt. 200 V -○- Input Volt. 264 V</p> <p>Instantaneous Compensation Time [mS]</p> <p>Load Current [A]</p>				<table border="1"> <thead> <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> </thead> <tbody> <tr><td>0.00</td><td>—</td><td>—</td><td>—</td></tr> <tr><td>2.00</td><td>10</td><td>26</td><td>71</td></tr> <tr><td>4.00</td><td>9</td><td>26</td><td>70</td></tr> <tr><td>6.00</td><td>9</td><td>25</td><td>68</td></tr> <tr><td>8.00</td><td>9</td><td>25</td><td>67</td></tr> <tr><td>10.00</td><td>9</td><td>24</td><td>66</td></tr> <tr><td>12.00</td><td>9</td><td>24</td><td>65</td></tr> <tr><td>14.00</td><td>8</td><td>23</td><td>64</td></tr> <tr><td>14.50</td><td>8</td><td>23</td><td>63</td></tr> <tr><td>15.95</td><td>8</td><td>23</td><td>63</td></tr> <tr><td>—</td><td>—</td><td>—</td><td>—</td></tr> </tbody> </table>				Load Current [A]	Time [mS]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	0.00	—	—	—	2.00	10	26	71	4.00	9	26	70	6.00	9	25	68	8.00	9	25	67	10.00	9	24	66	12.00	9	24	65	14.00	8	23	64	14.50	8	23	63	15.95	8	23	63	—	—	—	—
Load Current [A]	Time [mS]																																																									
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]																																																							
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Model	MAX3200T (M3T-IHGFEDCB-00)
Item	Load Regulation 静的負荷変動
Object	V1: +3.3V80A

Input AC 3-phase
Temperature 25°C
Testing Circuitry Figure A

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

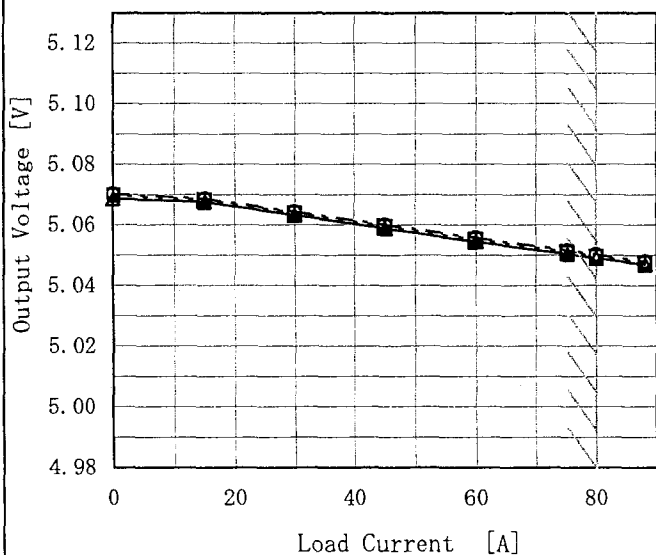


2. Values

Load Current [A]	Output Voltage [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
0	3.351	3.351	3.352
15	3.348	3.348	3.348
30	3.344	3.344	3.344
45	3.340	3.341	3.341
60	3.337	3.337	3.337
75	3.333	3.333	3.333
80	3.332	3.332	3.332
88	3.330	3.330	3.330
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Object	V2: +5V80A
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1. Graph
- △— Input Volt. 170 V
 - Input Volt. 200 V
 - Input Volt. 264 V



2. Values

Load Current [A]	Output Voltage [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
0	5.069	5.070	5.070
15	5.068	5.068	5.069
30	5.063	5.064	5.064
45	5.059	5.060	5.060
60	5.055	5.055	5.056
75	5.050	5.051	5.052
80	5.049	5.050	5.050
88	5.047	5.048	5.048
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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。



<p>Model MAX3200T (M3T-IHGFEDCB-00)</p>		Input	AC 3-phase																																																			
<p>Item Load Regulation 静的負荷変動</p>		Temperature	25°C																																																			
<p>Object V3:+7.5V54A</p>		Testing Circuitry	Figure A																																																			
<p>1. Graph</p> <p> △ Input Volt. 170 V □ Input Volt. 200 V ○ Input Volt. 264 V </p>		<p>2. Values</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>0.0</td><td>7.618</td><td>7.618</td><td>7.619</td></tr> <tr><td>8.0</td><td>7.621</td><td>7.621</td><td>7.621</td></tr> <tr><td>16.0</td><td>7.617</td><td>7.618</td><td>7.618</td></tr> <tr><td>24.0</td><td>7.614</td><td>7.614</td><td>7.614</td></tr> <tr><td>32.0</td><td>7.611</td><td>7.611</td><td>7.611</td></tr> <tr><td>40.0</td><td>7.608</td><td>7.608</td><td>7.607</td></tr> <tr><td>48.0</td><td>7.606</td><td>7.605</td><td>7.604</td></tr> <tr><td>54.0</td><td>7.604</td><td>7.603</td><td>7.602</td></tr> <tr><td>59.4</td><td>7.602</td><td>7.602</td><td>7.600</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]	0.0	7.618	7.618	7.619	8.0	7.621	7.621	7.621	16.0	7.617	7.618	7.618	24.0	7.614	7.614	7.614	32.0	7.611	7.611	7.611	40.0	7.608	7.608	7.607	48.0	7.606	7.605	7.604	54.0	7.604	7.603	7.602	59.4	7.602	7.602	7.600	--	--	--	--	--	--	--	--
Load Current [A]	Output Voltage [V]																																																					
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<p>Object V4:+12V34A</p>																																																						
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Load Current [A]	Output Voltage [V]																																																					
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<p>Model MAX3200T (M3T-IHGFEDCB-00)</p> <p>Item Load Regulation 静的負荷変動</p> <p>Object V5:+15V27A</p>		<p>Input AC 3-phase</p> <p>Temperature 25°C</p> <p>Testing Circuitry Figure A</p>																																																		
<p>1. Graph</p> <p>—△— Input Volt. 170 V</p> <p>---□--- Input Volt. 200 V</p> <p>---○--- Input Volt. 264 V</p>	<p>2. Values</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>0.0</td><td>15.353</td><td>15.352</td><td>15.353</td></tr> <tr><td>4.0</td><td>15.363</td><td>15.363</td><td>15.363</td></tr> <tr><td>8.0</td><td>15.360</td><td>15.360</td><td>15.360</td></tr> <tr><td>12.0</td><td>15.357</td><td>15.357</td><td>15.357</td></tr> <tr><td>16.0</td><td>15.354</td><td>15.355</td><td>15.354</td></tr> <tr><td>20.0</td><td>15.352</td><td>15.352</td><td>15.351</td></tr> <tr><td>24.0</td><td>15.350</td><td>15.350</td><td>15.350</td></tr> <tr><td>27.0</td><td>15.348</td><td>15.349</td><td>15.348</td></tr> <tr><td>29.7</td><td>15.347</td><td>15.347</td><td>15.346</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]	0.0	15.353	15.352	15.353	4.0	15.363	15.363	15.363	8.0	15.360	15.360	15.360	12.0	15.357	15.357	15.357	16.0	15.354	15.355	15.354	20.0	15.352	15.352	15.351	24.0	15.350	15.350	15.350	27.0	15.348	15.349	15.348	29.7	15.347	15.347	15.346	--	--	--	--	--	--	--	--
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<p>Object V6:+18V22A</p> <p>1. Graph</p> <p>—△— Input Volt. 170 V</p> <p>---□--- Input Volt. 200 V</p> <p>---○--- Input Volt. 264 V</p>	<p>2. Values</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>0.0</td><td>18.443</td><td>18.445</td><td>18.447</td></tr> <tr><td>4.0</td><td>18.458</td><td>18.459</td><td>18.460</td></tr> <tr><td>8.0</td><td>18.454</td><td>18.455</td><td>18.456</td></tr> <tr><td>12.0</td><td>18.451</td><td>18.452</td><td>18.453</td></tr> <tr><td>16.0</td><td>18.450</td><td>18.449</td><td>18.450</td></tr> <tr><td>20.0</td><td>18.446</td><td>18.447</td><td>18.448</td></tr> <tr><td>22.0</td><td>18.445</td><td>18.445</td><td>18.446</td></tr> <tr><td>24.2</td><td>18.443</td><td>18.444</td><td>18.445</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]	0.0	18.443	18.445	18.447	4.0	18.458	18.459	18.460	8.0	18.454	18.455	18.456	12.0	18.451	18.452	18.453	16.0	18.450	18.449	18.450	20.0	18.446	18.447	18.448	22.0	18.445	18.445	18.446	24.2	18.443	18.444	18.445	--	--	--	--	--	--	--	--	--	--	--	--
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<p>Model MAX3200T (M3T-IHGFEDCB-00)</p> <p>Item Load Regulation 静的負荷変動</p> <p>Object V7:+24V17A</p>		<p>Input AC 3-phase</p> <p>Temperature 25°C</p> <p>Testing Circuitry Figure A</p>																																																		
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<p>Object V8:+28V14.5A</p> <p>1. Graph</p> <p>—△— Input Volt. 170 V</p> <p>---□--- Input Volt. 200 V</p> <p>---○--- Input Volt. 264 V</p>	<p>2. Values</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>28.436</td><td>28.437</td><td>28.438</td></tr> <tr><td>2.00</td><td>28.458</td><td>28.457</td><td>28.455</td></tr> <tr><td>4.00</td><td>28.455</td><td>28.453</td><td>28.454</td></tr> <tr><td>6.00</td><td>28.451</td><td>28.450</td><td>28.451</td></tr> <tr><td>8.00</td><td>28.449</td><td>28.447</td><td>28.447</td></tr> <tr><td>10.00</td><td>28.448</td><td>28.447</td><td>28.445</td></tr> <tr><td>12.00</td><td>28.449</td><td>28.448</td><td>28.445</td></tr> <tr><td>14.00</td><td>28.450</td><td>28.449</td><td>28.446</td></tr> <tr><td>14.50</td><td>28.450</td><td>28.449</td><td>28.447</td></tr> <tr><td>15.95</td><td>28.449</td><td>28.449</td><td>28.448</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	28.436	28.437	28.438	2.00	28.458	28.457	28.455	4.00	28.455	28.453	28.454	6.00	28.451	28.450	28.451	8.00	28.449	28.447	28.447	10.00	28.448	28.447	28.445	12.00	28.449	28.448	28.445	14.00	28.450	28.449	28.446	14.50	28.450	28.449	28.447	15.95	28.449	28.449	28.448	--	--	--	--
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Model		MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase																																						
Item		Ripple Voltage (by Load Current) リップル電圧 (負荷特性)	Temperature	25°C																																						
Object		V2:+5V80A	Testing Circuitry	Figure A																																						
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Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item	Ripple Voltage (by Load Current) リップル電圧 (負荷特性)	Temperature	25°C
Object	V3:+7.5V54A	Testing Circuitry	Figure A

1. Graph

—△— Input Volt. 170 V

- -○- - Input Volt. 264 V

Load Current [A]

2. Values

Load Current [A]	Ripple Output Voltage [mV]	
	Input Volt. 170[V]	Input Volt. 264[V]
0.0	5	5
10.8	10	10
21.6	10	10
32.4	10	10
43.2	10	10
54.0	10	10
59.4	10	10
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Ripple Voltage is shown as p-p in the figure below.
 Note: Slanted line shows the range of the rated load current.

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T1: Due to AC Input Line
入力商用周期

T2: Due to Switching
スイッチング周期

Ripple [mVp-p]

T1

T2

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



<p>Model MAX3200T (M3T-IHGFEDCB-00)</p>		<p>Input AC 3-phase</p>																																						
<p>Item Ripple Voltage (by Load Current) リップル電圧 (負荷特性)</p>		<p>Temperature 25°C</p>																																						
<p>Object V4:+12V34A</p>		<p>Testing Circuitry Figure A</p>																																						
<p>1. Graph</p> <p> —△— Input Volt. 170 V - - ○ - - Input Volt. 264 V </p> <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>2. Values</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>0.0</td><td>5</td><td>5</td></tr> <tr><td>6.8</td><td>10</td><td>10</td></tr> <tr><td>13.6</td><td>10</td><td>10</td></tr> <tr><td>20.4</td><td>10</td><td>10</td></tr> <tr><td>27.2</td><td>10</td><td>10</td></tr> <tr><td>34.0</td><td>10</td><td>10</td></tr> <tr><td>37.4</td><td>10</td><td>10</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> <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]	0.0	5	5	6.8	10	10	13.6	10	10	20.4	10	10	27.2	10	10	34.0	10	10	37.4	10	10	--	--	--	--	--	--	--	--	--	--	--	--
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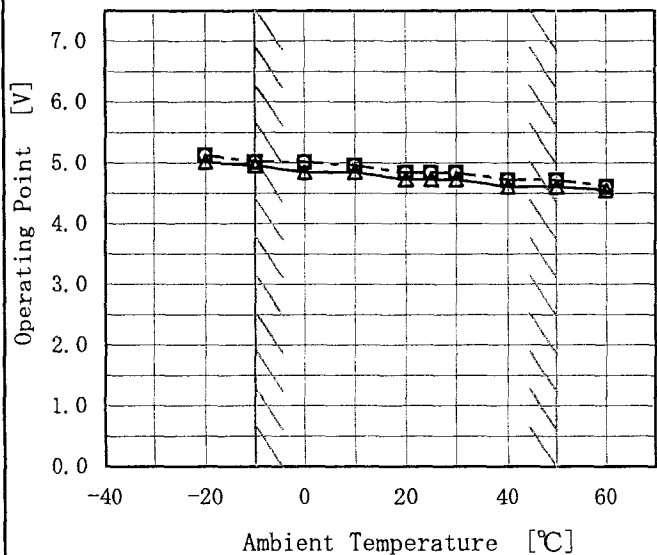
Model MAX3200T (M3T-IHGFEDCB-00)		Input AC 3-phase																																																						
Item Overcurrent Protection 過電流保護		Temperature 25°C																																																						
Object V7:+24V17A		Testing Circuitry Figure A																																																						
<p>1. Graph</p> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;"></div> <div style="width: 30%;"> <p>————— Input Volt. 170 V</p> <p>————— Input Volt. 200 V</p> <p>————— Input Volt. 264 V</p> </div> </div> <p style="text-align: center;">Load Current [A]</p> <p>Intermittent operation occurs when the output voltage is from 11V to 0V.</p>	<p>2. Values</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>20.15</td><td>20.48</td><td>20.93</td></tr> <tr><td>22.8</td><td>20.09</td><td>20.38</td><td>20.85</td></tr> <tr><td>21.6</td><td>20.09</td><td>20.32</td><td>20.82</td></tr> <tr><td>19.2</td><td>20.08</td><td>20.28</td><td>20.84</td></tr> <tr><td>16.8</td><td>20.08</td><td>20.34</td><td>20.93</td></tr> <tr><td>14.4</td><td>20.11</td><td>20.29</td><td>20.93</td></tr> <tr><td>12.0</td><td>20.11</td><td>20.29</td><td>20.93</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	20.15	20.48	20.93	22.8	20.09	20.38	20.85	21.6	20.09	20.32	20.82	19.2	20.08	20.28	20.84	16.8	20.08	20.34	20.93	14.4	20.11	20.29	20.93	12.0	20.11	20.29	20.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Model	MAX3200T (M3T-IHGFEDCB-00)
Item	Overvoltage Protection 過電圧保護
Object	V1:+3.3V80A

Input AC 3-phase
Testing Circuitry Figure A

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

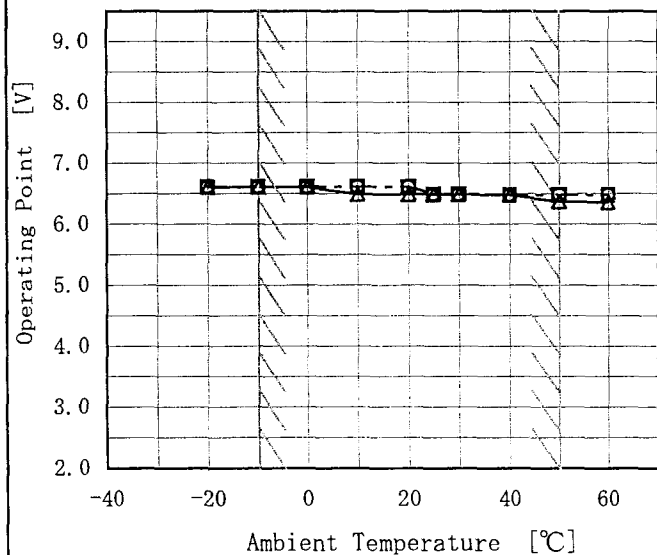


2. Values

Ambient Temperature [°C]	Operating Point [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
-20	5.02	5.13	5.13
-10	4.96	5.02	5.02
0	4.85	5.01	5.02
10	4.85	4.96	4.96
20	4.73	4.84	4.84
25	4.73	4.84	4.84
30	4.73	4.84	4.84
40	4.61	4.72	4.72
50	4.61	4.72	4.72
60	4.55	4.61	4.61
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Object	V2:+5V80A
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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	6.61	6.61	6.61
-10	6.61	6.61	6.61
0	6.61	6.61	6.61
10	6.49	6.61	6.61
20	6.49	6.61	6.61
25	6.49	6.49	6.49
30	6.49	6.49	6.49
40	6.48	6.48	6.48
50	6.37	6.48	6.48
60	6.36	6.48	6.48
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Note: Slanted line shows the range of the rated ambient temperature.

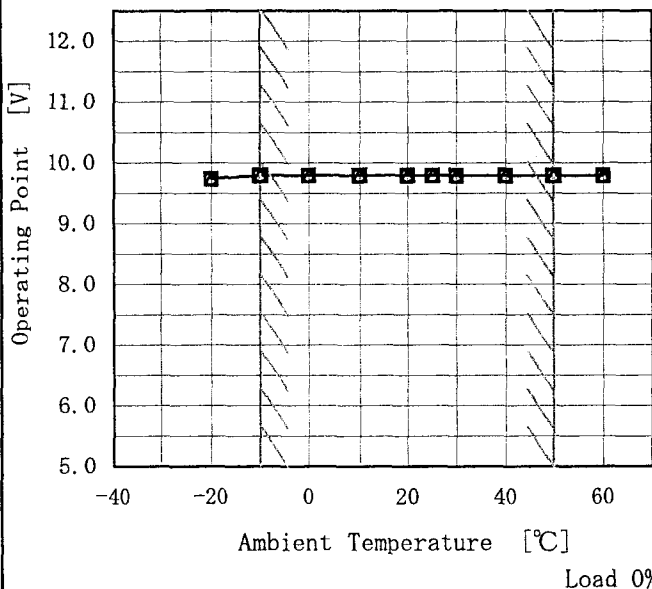
(注) 斜線は定格周囲温度範囲を示す。



Model	MAX3200T (M3T-IHGFEDCB-00)
Item	Overvoltage Protection 過電圧保護
Object	V3:+7.5V54A

Input AC 3-phase
Testing Circuitry Figure A

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

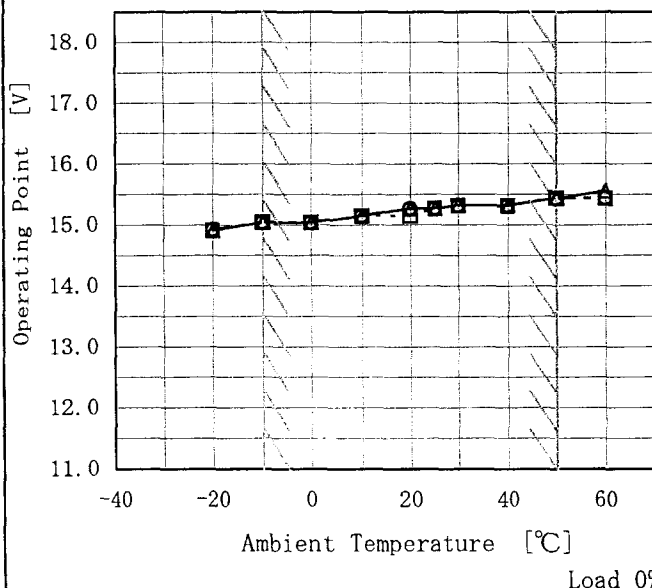


2. Values

Ambient Temperature [°C]	Operating Point [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
-20	9.74	9.74	9.74
-10	9.80	9.80	9.80
0	9.80	9.80	9.80
10	9.80	9.80	9.80
20	9.80	9.80	9.80
25	9.80	9.79	9.79
30	9.79	9.79	9.79
40	9.79	9.79	9.79
50	9.79	9.79	9.79
60	9.79	9.79	9.79
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Object	V4:+12V34A
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1. Graph
- △— Input Volt. 170 V
 - Input Volt. 200 V
 - Input Volt. 264 V

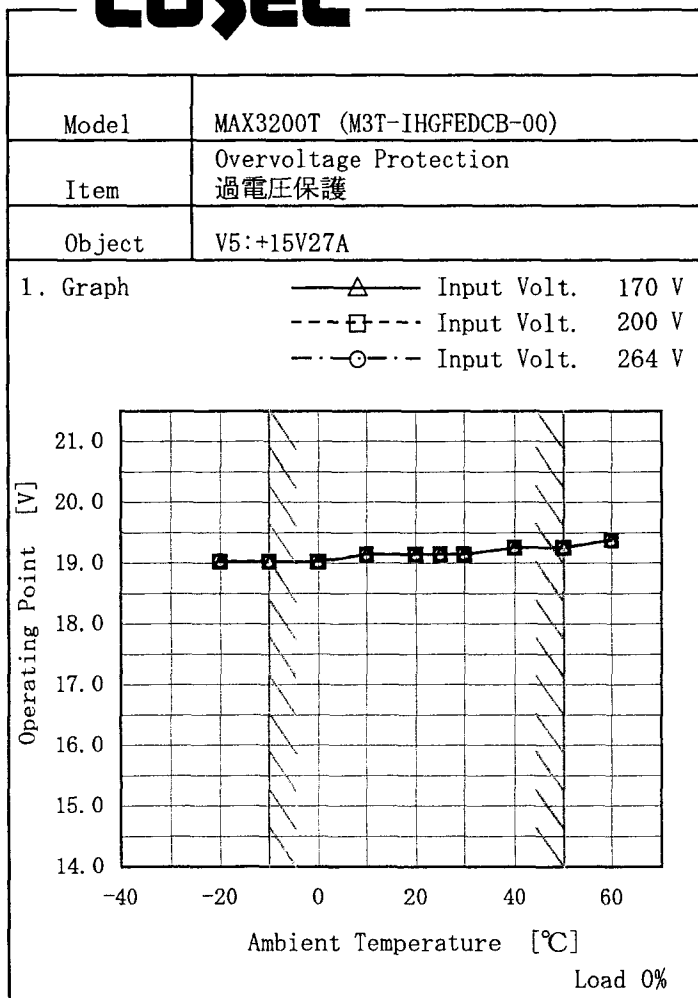


2. Values

Ambient Temperature [°C]	Operating Point [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
-20	14.91	14.91	14.92
-10	15.04	15.04	15.04
0	15.04	15.04	15.04
10	15.15	15.15	15.15
20	15.27	15.15	15.27
25	15.27	15.27	15.27
30	15.33	15.32	15.32
40	15.32	15.32	15.32
50	15.44	15.44	15.44
60	15.56	15.44	15.44
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Note: Slanted line shows the range of the rated ambient temperature.

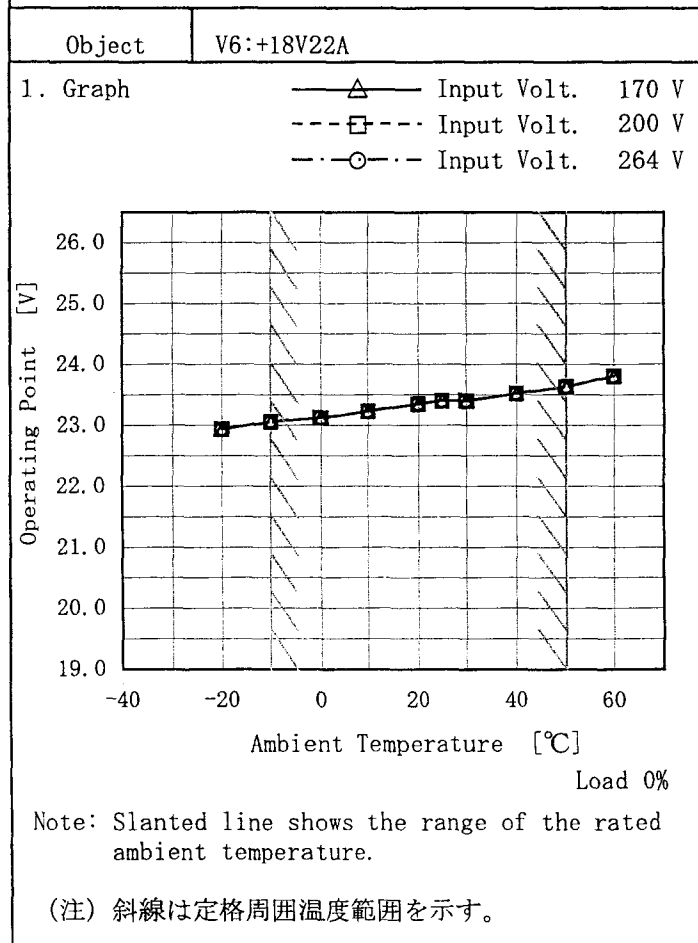
(注) 斜線は定格周囲温度範囲を示す。



Input AC 3-phase
Testing Circuitry Figure A

2. Values

Ambient Temperature [°C]	Operating Point [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
-20	19.03	19.03	19.04
-10	19.03	19.03	19.03
0	19.03	19.03	19.03
10	19.15	19.15	19.15
20	19.15	19.15	19.15
25	19.15	19.15	19.15
30	19.15	19.15	19.15
40	19.26	19.26	19.26
50	19.26	19.26	19.26
60	19.38	19.38	19.38
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2. Values

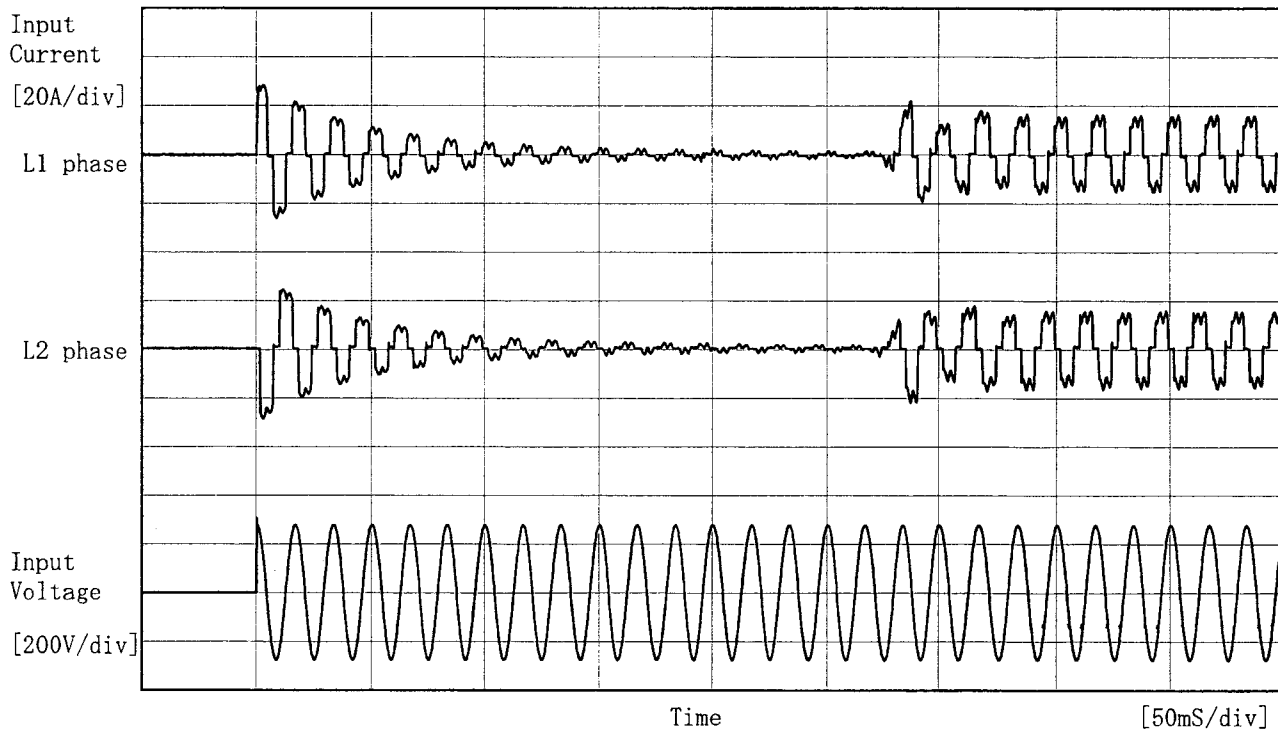
Ambient Temperature [°C]	Operating Point [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
-20	22.94	22.94	22.94
-10	23.06	23.06	23.06
0	23.12	23.12	23.12
10	23.23	23.23	23.23
20	23.35	23.35	23.35
25	23.41	23.40	23.40
30	23.40	23.40	23.40
40	23.52	23.52	23.52
50	23.63	23.63	23.63
60	23.81	23.81	23.81
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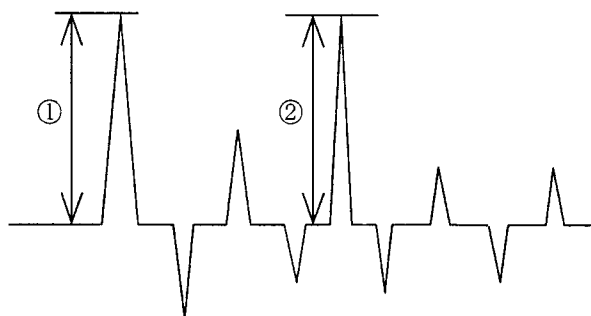
<p>Model MAX3200T (M3T-IHGFEDCB-00)</p> <p>Item Overvoltage Protection 過電圧保護</p> <p>Object V7:+24V17A</p>		<p>Input AC 3-phase</p> <p>Testing Circuitry Figure A</p>																																																			
<p>1. Graph</p> <p>—△— Input Volt. 170 V</p> <p>---□--- Input Volt. 200 V</p> <p>---○--- Input Volt. 264 V</p>		<p>2. Values</p> <table border="1"> <thead> <tr> <th rowspan="2">Ambient Temperature [°C]</th> <th colspan="3">Operating Point [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>29.64</td><td>29.64</td><td>29.64</td></tr> <tr><td>-10</td><td>29.75</td><td>29.75</td><td>29.87</td></tr> <tr><td>0</td><td>29.93</td><td>29.93</td><td>29.93</td></tr> <tr><td>10</td><td>30.18</td><td>30.18</td><td>30.24</td></tr> <tr><td>20</td><td>30.36</td><td>30.36</td><td>30.35</td></tr> <tr><td>25</td><td>30.47</td><td>30.47</td><td>30.47</td></tr> <tr><td>30</td><td>30.58</td><td>30.58</td><td>30.58</td></tr> <tr><td>40</td><td>30.76</td><td>30.76</td><td>30.76</td></tr> <tr><td>50</td><td>30.93</td><td>30.93</td><td>30.93</td></tr> <tr><td>60</td><td>31.05</td><td>31.05</td><td>31.05</td></tr> <tr><td>--</td><td>--</td><td>--</td><td>--</td></tr> </tbody> </table>	Ambient Temperature [°C]	Operating Point [V]			Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]	-20	29.64	29.64	29.64	-10	29.75	29.75	29.87	0	29.93	29.93	29.93	10	30.18	30.18	30.24	20	30.36	30.36	30.35	25	30.47	30.47	30.47	30	30.58	30.58	30.58	40	30.76	30.76	30.76	50	30.93	30.93	30.93	60	31.05	31.05	31.05	--	--	--	--
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60	36.85	36.85	36.85																																																		
--	--	--	--																																																		
<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		MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item		Inrush Current 突入電流	Temperature	25°C
Object		_____	Testing Circuitry	Figure A



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



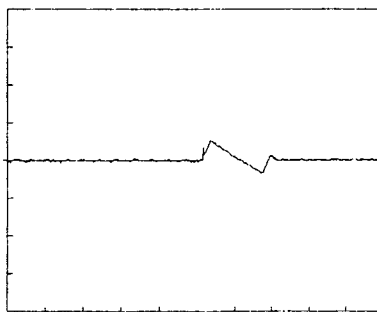
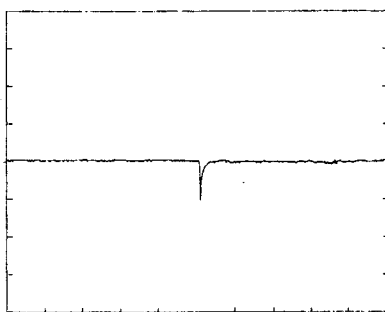


Model		MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item		Dynamic Load Response 動的負荷変動	Temperature	25°C
Object		V1:+3.3V80A	Testing Circuitry	Figure A

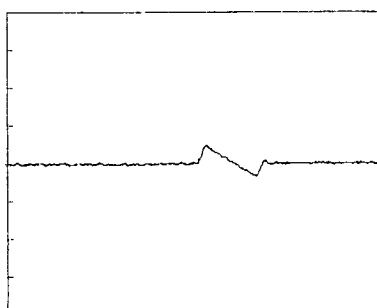
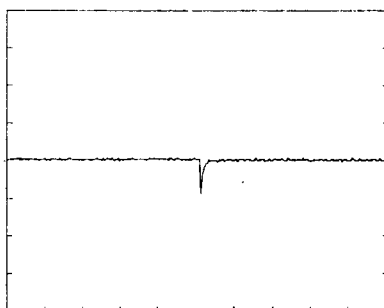
Input Volt. 200 V
Cycle 1000 mS

Load Current

Load 0 % ←→
Load 100 %



Load 0 % ←→
Load 50 %



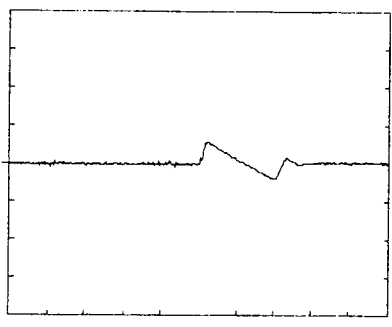
500 mV/div

5 mS/div

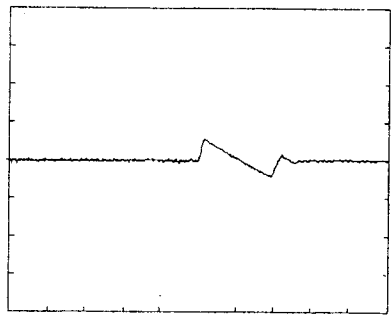


Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item	Dynamic Load Response 動的負荷変動	Temperature	25°C
Object	V2: +5V80A	Testing Circuitry	Figure A

Input Volt. 200 V
Cycle 1000 mS



Load 0 % ←→
Load 50 %



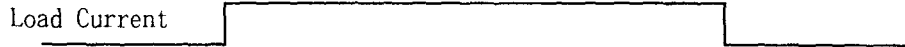
500 mV/div

5 mS/div

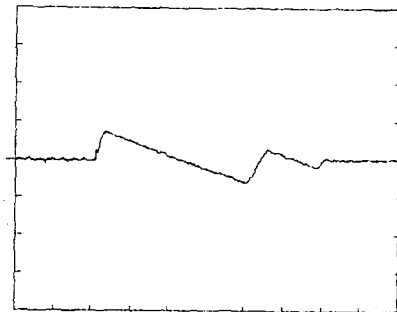
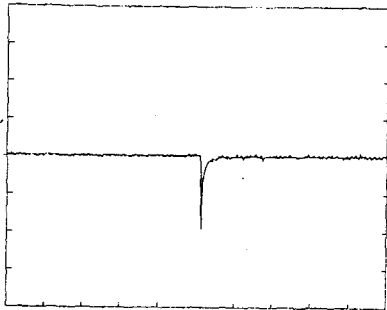


Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item	Dynamic Load Response 動的負荷変動	Temperature	25°C
Object	V3:+7.5V54A	Testing Circuitry	Figure A

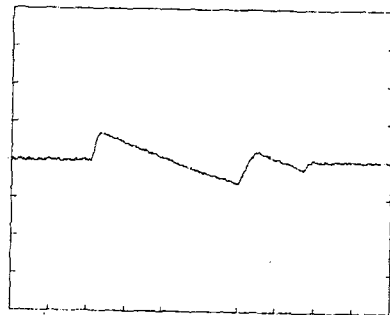
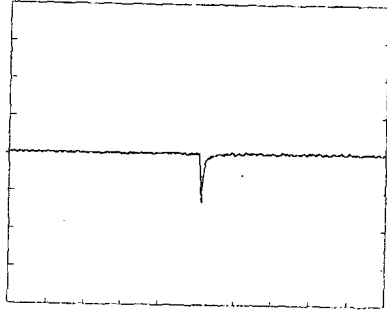
Input Volt. 200 V
Cycle 1000 mS



Load 0 % ←→
Load 100 %



Load 0 % ←→
Load 50 %



500 mV/div

5 mS/div

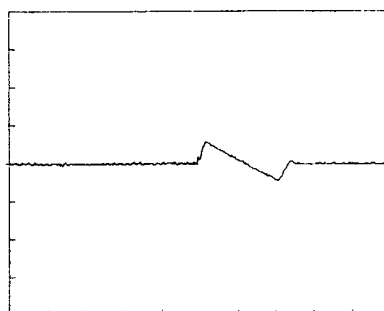
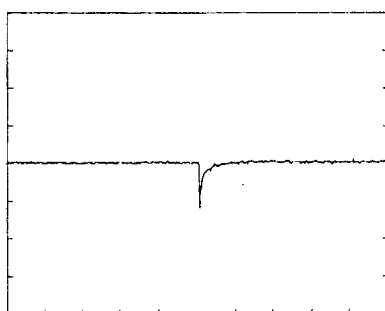


Model		MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item		Dynamic Load Response 動的負荷変動	Temperature	25°C
Object		V4:+12V34A	Testing Circuitry	Figure A

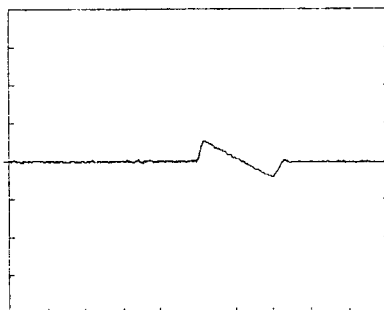
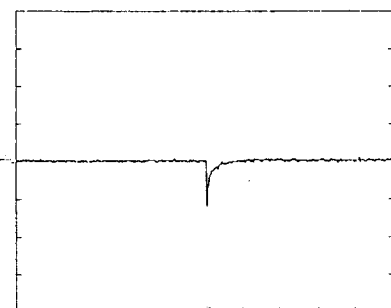
Input Volt. 200 V
Cycle 1000 mS



Load 0 % ←→
Load 100 %



Load 0 % ←→
Load 50 %



500 mV/div

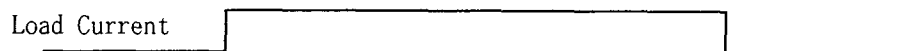
5 mS/div



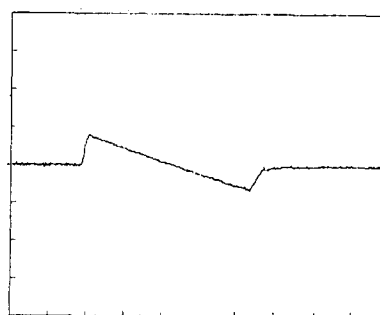
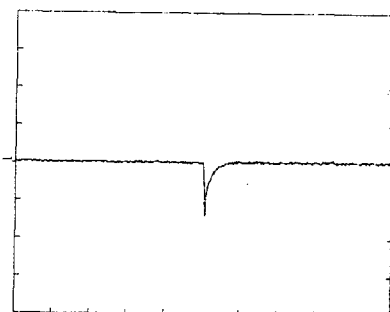
Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item	Dynamic Load Response 動的負荷変動	Temperature	25°C
Object	V5:+15V27A	Testing Circuitry	Figure A

Input Volt. 200 V

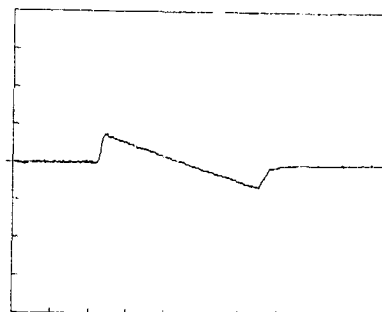
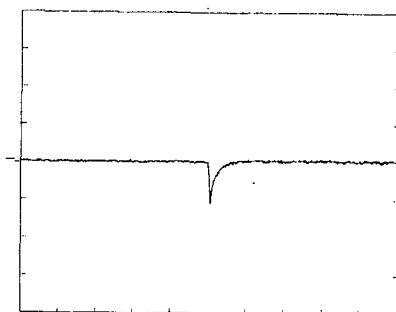
Cycle 1000 mS



Load 0 % ←→
Load 100 %



Load 0 % ←→
Load 50 %



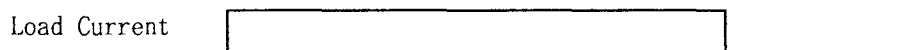
500 mV/div

5 mS/div

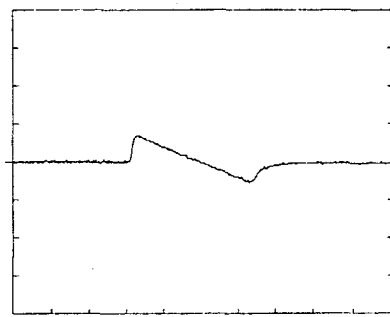
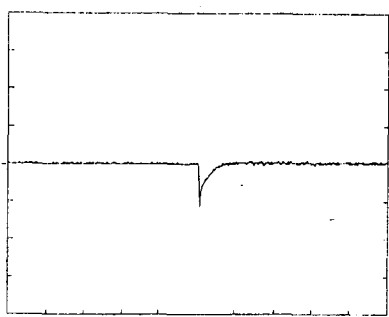


Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item	Dynamic Load Response 動的負荷変動	Temperature	25°C
Object	V6:+18V22A	Testing Circuitry	Figure A

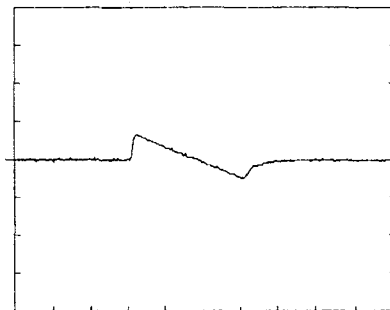
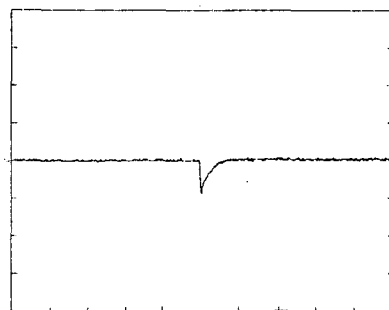
Input Volt. 200 V
Cycle 1000 mS



Load 0 % ←→
Load 100 %



Load 0 % ←→
Load 50 %



500 mV/div

5 mS/div

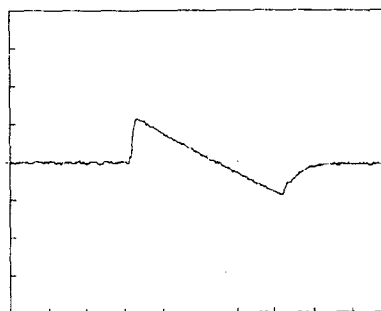
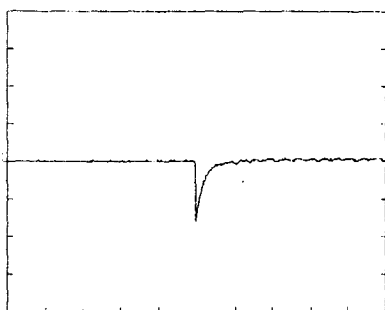


Model		MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item		Dynamic Load Response 動的負荷変動	Temperature	25°C
Object		V7:+24V17A	Testing Circuitry	Figure A

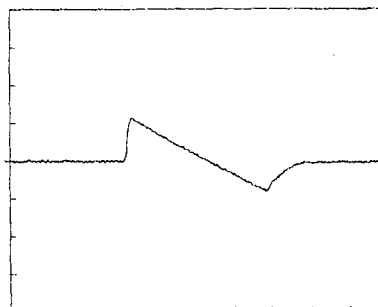
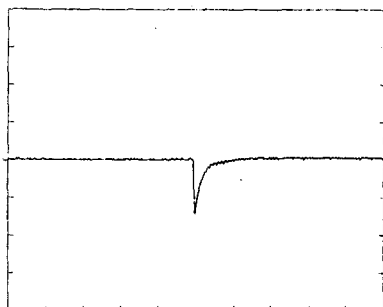
Input Volt. 200 V
Cycle 1000 mS



Load 0 % ←→
Load 100 %



Load 0 % ←→
Load 50 %



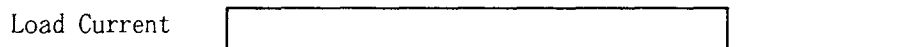
500 mV/div

5 mS/div

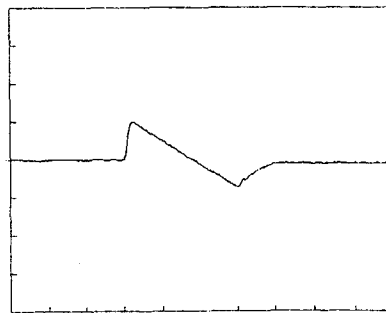
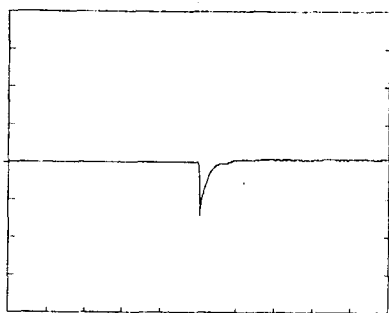
COSEL

Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item	Dynamic Load Response 動的負荷変動	Temperature	25°C
Object	V8:+28V14.5A	Testing Circuitry	Figure A

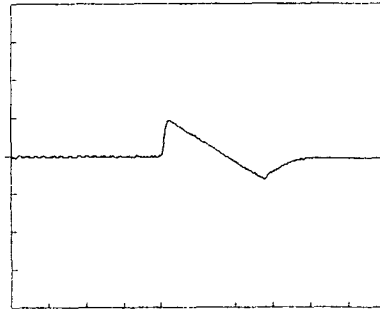
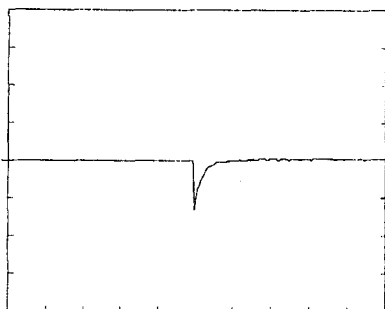
Input Volt. 200 V
Cycle 1000 mS



Load 0 % ←→
Load 100 %



Load 0 % ←→
Load 50 %



500 mV/div

5 mS/div

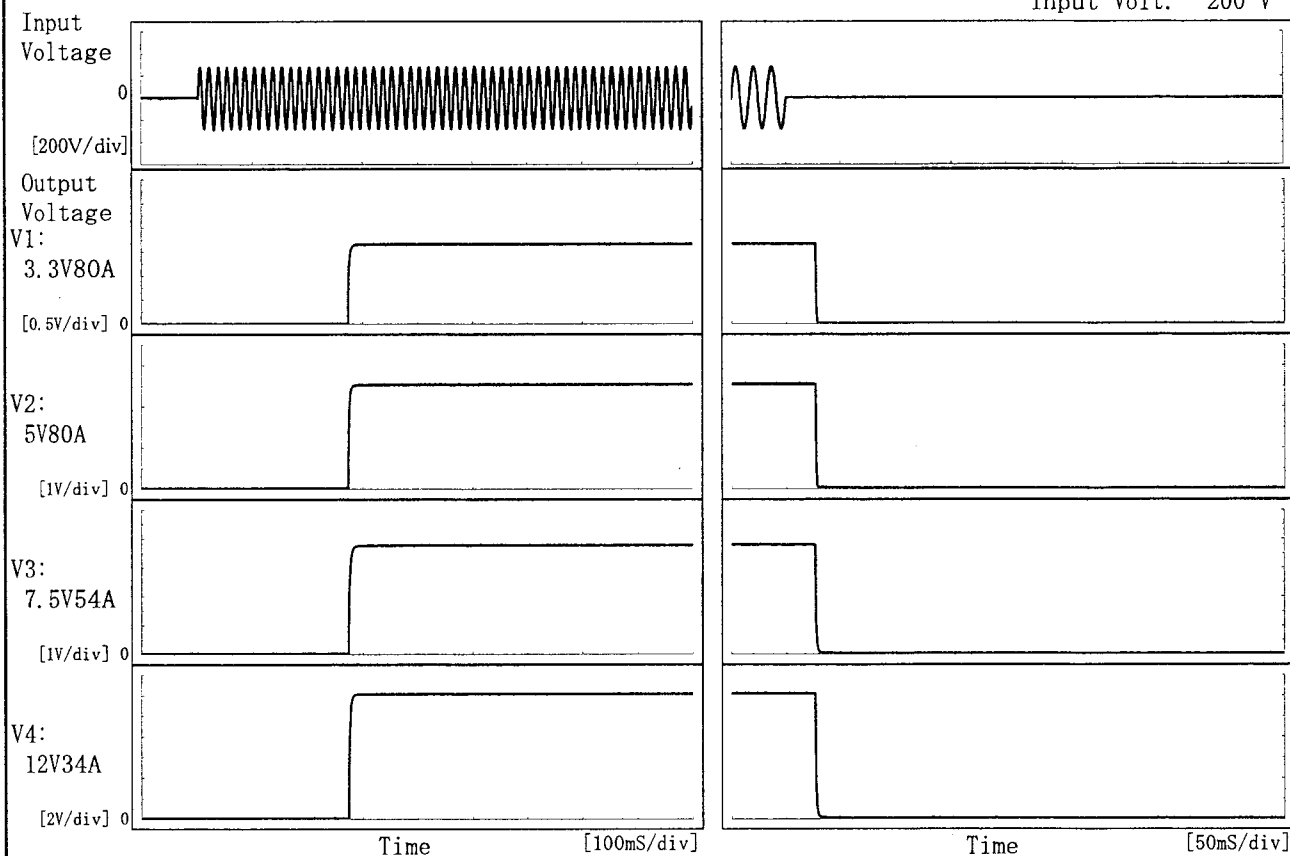


Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item	Rise and Fall Time 立上り、立下り時間	Temperature	25°C
Object	_____	Testing Circuitry	Figure A

1. Graph

Load 100%

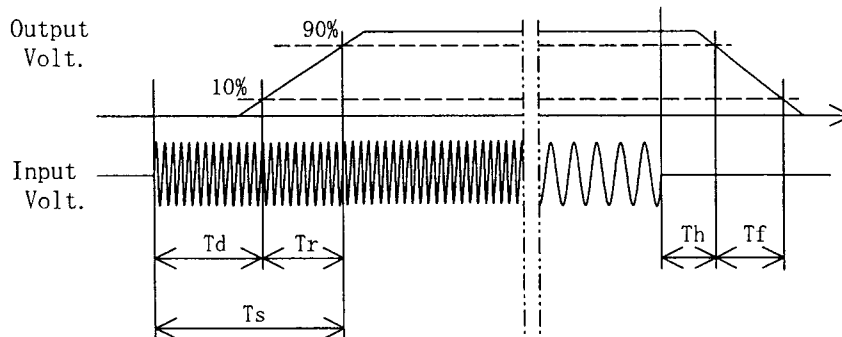
Input Volt. 200 V



2. Values

[mS]

Time	T d	T r	T s	T h	T f
Load V1	272.5	5.0	277.5	26.8	1.0
V2	272.5	4.5	277.0	26.8	1.0
V3	272.5	6.0	278.5	26.8	2.0
V4	272.5	5.0	277.5	26.8	2.3



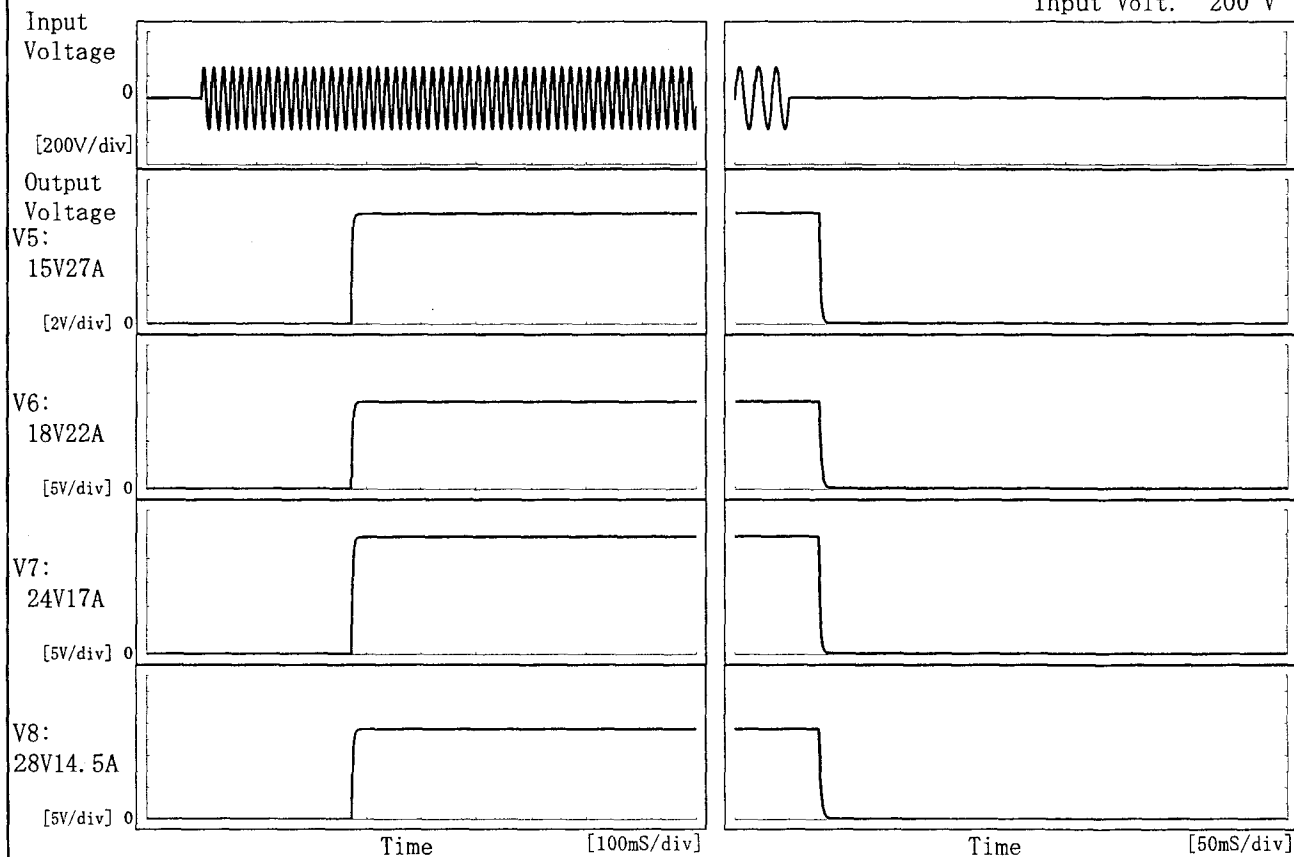


Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item	Rise and Fall Time 立上り、立下り時間	Temperature	25°C
Object		Testing Circuitry	Figure A

1. Graph

Load 100%

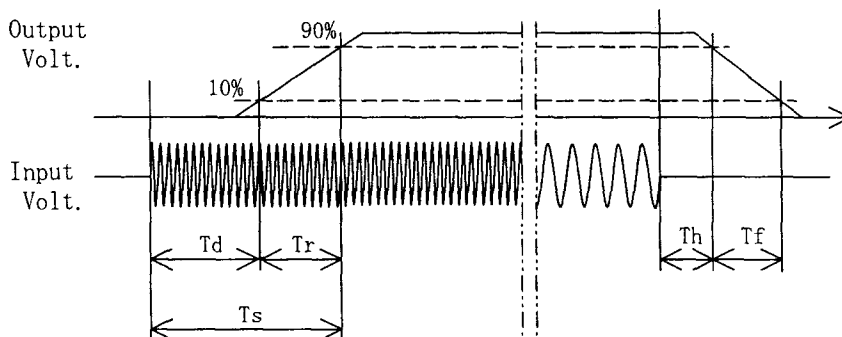
Input Volt. 200 V



2. Values

[mS]

Load \ Time	T d	T r	T s	T h	T f
V5	272.5	4.5	277.0	26.8	3.0
V6	273.0	5.5	278.5	26.8	4.0
V7	273.0	5.5	278.5	26.8	3.0
V8	273.0	6.0	279.0	27.0	3.8



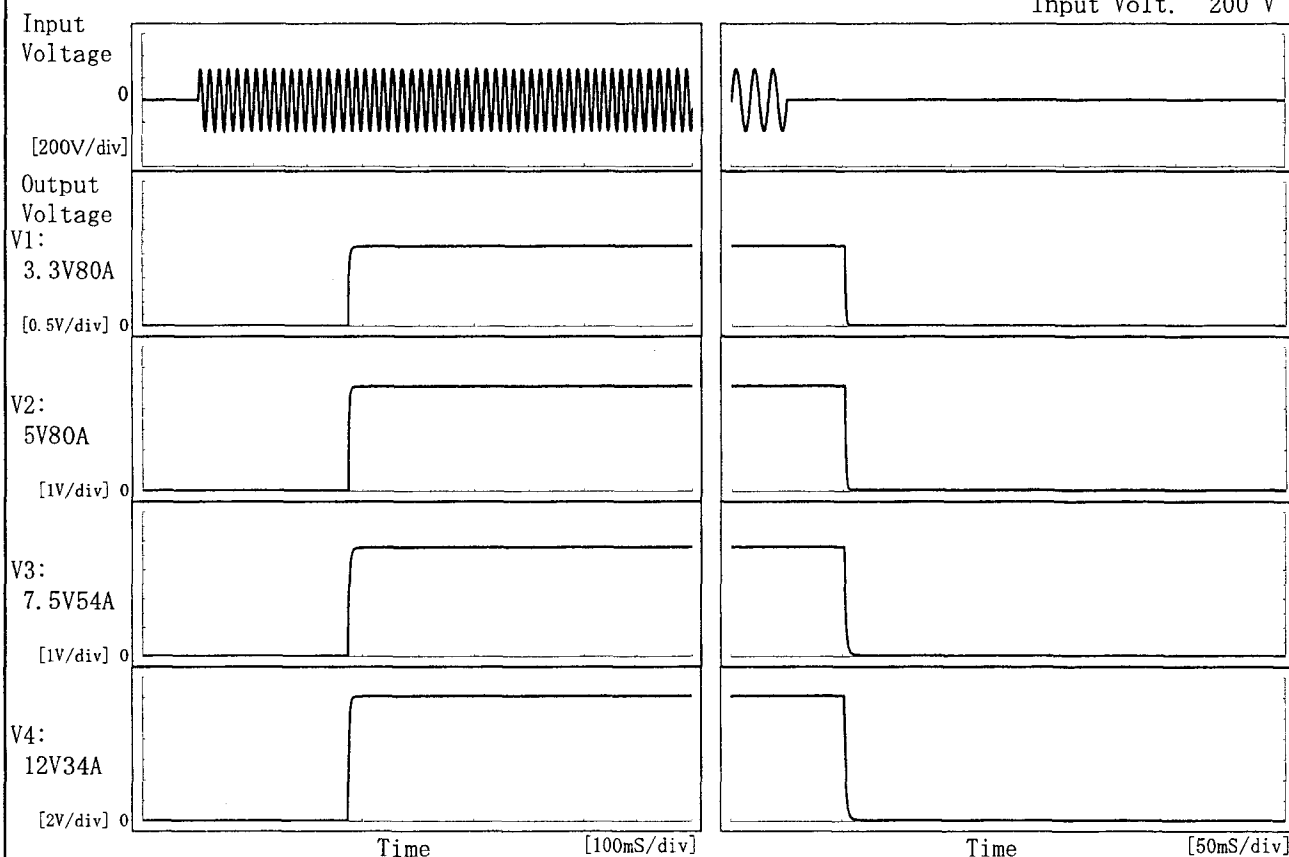


Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item	Rise and Fall Time 立上り、立下り時間	Temperature	25°C
Object	_____	Testing Circuitry	Figure A

1. Graph

Load 50%

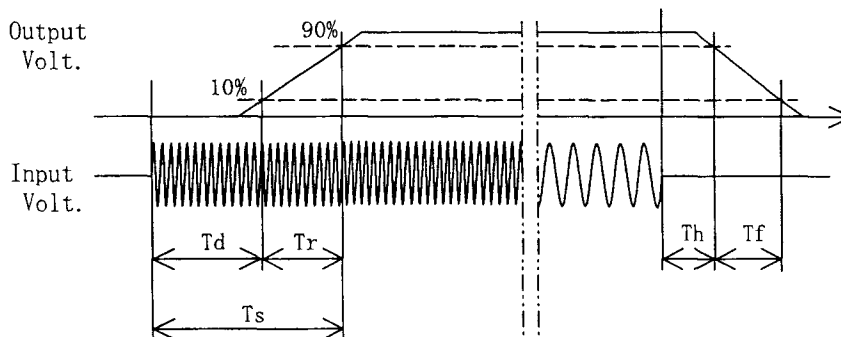
Input Volt. 200 V



2. Values

[mS]

Load \ Time	T _d	T _r	T _s	T _h	T _f
V1	272.5	5.0	277.5	52.3	1.8
V2	272.5	4.0	276.5	52.3	2.0
V3	272.5	6.0	278.5	52.5	3.5
V4	273.0	4.5	277.5	52.5	3.8



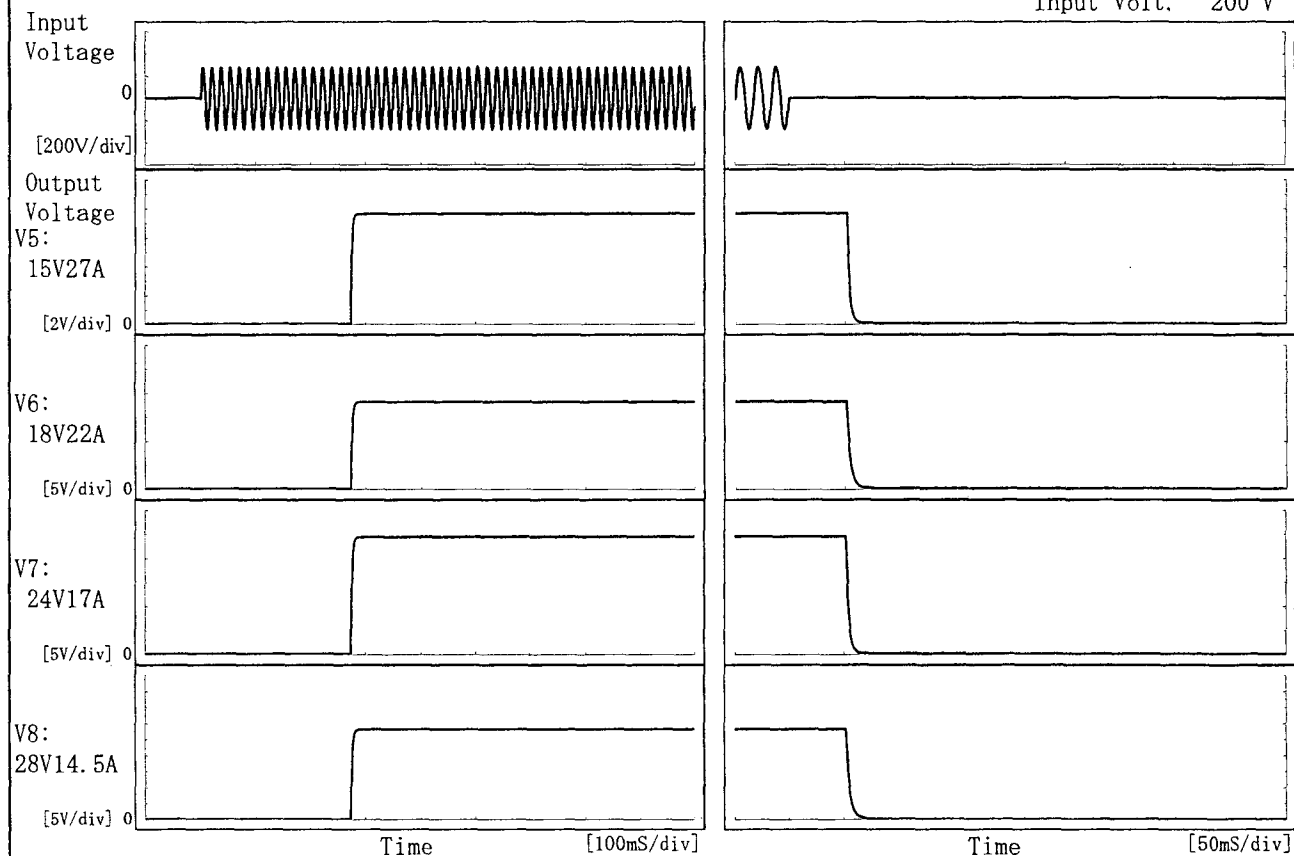


Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item	Rise and Fall Time 立上り、立下り時間	Temperature	25°C
Object		Testing Circuitry	Figure A

1. Graph

Load 50%

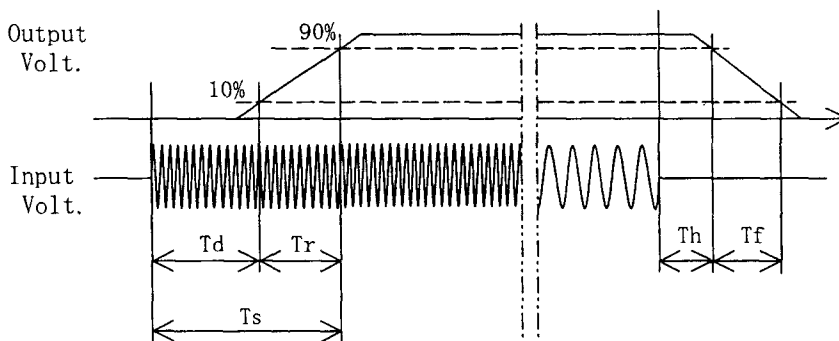
Input Volt. 200 V



2. Values

[mS]

Load	Time	T _d	T _r	T _s	T _h	T _f
V5		272.5	4.5	277.0	52.5	5.5
V6		273.0	5.5	278.5	52.5	7.5
V7		273.0	5.5	278.5	52.5	5.5
V8		273.0	6.0	279.0	52.5	7.8





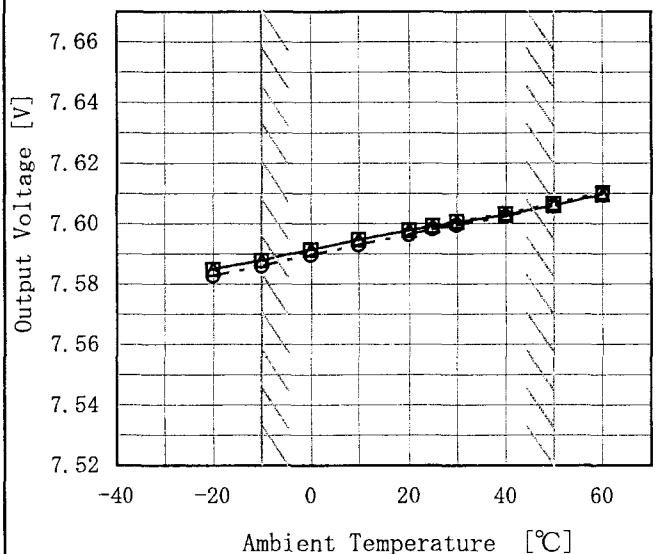
<p>Model MAX3200T (M3T-IHGFEDCB-00)</p>		<p>Input AC 3-phase</p>																																																				
<p>Item Ambient Temperature Drift 周囲温度変動</p>		<p>Testing Circuitry Figure A</p>																																																				
<p>Object V1:+3.3V80A</p>																																																						
<p>1. Graph</p> <p>—△— Input Volt. 170 V ---□--- Input Volt. 200 V -·-○-·- Input Volt. 264 V</p> <p>Output Voltage [V]</p> <p>Ambient Temperature [°C]</p> <p>Load 100%</p>		<p>2. Values</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>3.348</td><td>3.347</td><td>3.347</td></tr> <tr><td>-10</td><td>3.345</td><td>3.345</td><td>3.344</td></tr> <tr><td>0</td><td>3.342</td><td>3.341</td><td>3.341</td></tr> <tr><td>10</td><td>3.339</td><td>3.339</td><td>3.338</td></tr> <tr><td>20</td><td>3.335</td><td>3.335</td><td>3.335</td></tr> <tr><td>25</td><td>3.334</td><td>3.334</td><td>3.333</td></tr> <tr><td>30</td><td>3.332</td><td>3.332</td><td>3.331</td></tr> <tr><td>40</td><td>3.328</td><td>3.328</td><td>3.327</td></tr> <tr><td>50</td><td>3.324</td><td>3.323</td><td>3.323</td></tr> <tr><td>60</td><td>3.320</td><td>3.319</td><td>3.319</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	3.348	3.347	3.347	-10	3.345	3.345	3.344	0	3.342	3.341	3.341	10	3.339	3.339	3.338	20	3.335	3.335	3.335	25	3.334	3.334	3.333	30	3.332	3.332	3.331	40	3.328	3.328	3.327	50	3.324	3.323	3.323	60	3.320	3.319	3.319	--	--	--	--
Ambient Temperature [°C]	Output Voltage [V]																																																					
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<p>Object V2:+5V80A</p>																																																						
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Model	MAX3200T (M3T-IHGFEDCB-00)
Item	Ambient Temperature Drift 周囲温度変動
Object	V3:+7.5V54A

Input AC 3-phase
Testing Circuitry Figure A

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



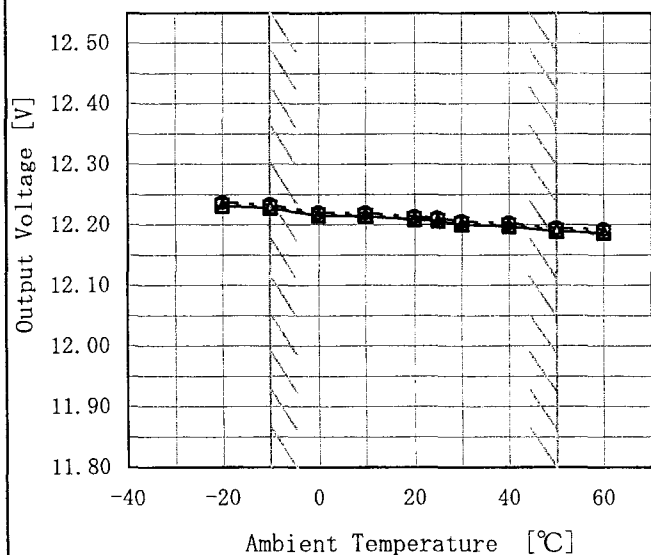
Load 100%

2. Values

Ambient Temperature [°C]	Output Voltage [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
-20	7.585	7.585	7.583
-10	7.588	7.588	7.586
0	7.592	7.591	7.590
10	7.595	7.595	7.593
20	7.598	7.598	7.596
25	7.599	7.599	7.598
30	7.601	7.601	7.600
40	7.603	7.603	7.602
50	7.606	7.607	7.606
60	7.610	7.610	7.610
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Object	V4:+12V34A
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1. Graph
- △— Input Volt. 170 V
 - Input Volt. 200 V
 - Input Volt. 264 V



Load 100%

2. Values

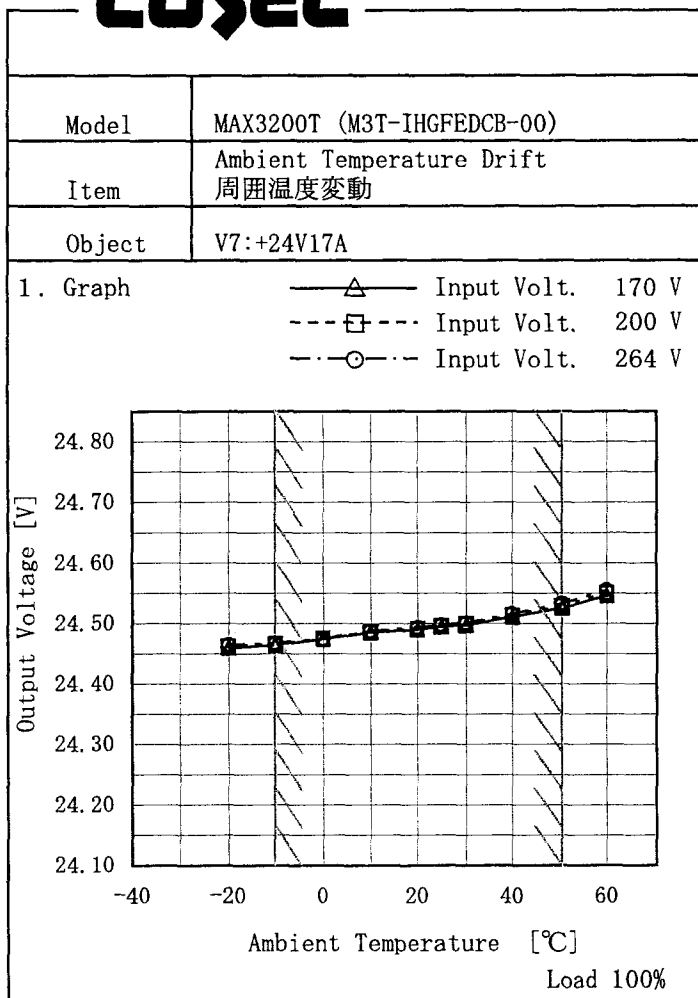
Ambient Temperature [°C]	Output Voltage [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
-20	12.231	12.232	12.237
-10	12.228	12.229	12.233
0	12.215	12.216	12.220
10	12.214	12.215	12.219
20	12.209	12.210	12.213
25	12.206	12.207	12.211
30	12.200	12.202	12.206
40	12.198	12.199	12.203
50	12.189	12.191	12.195
60	12.187	12.188	12.192
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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。



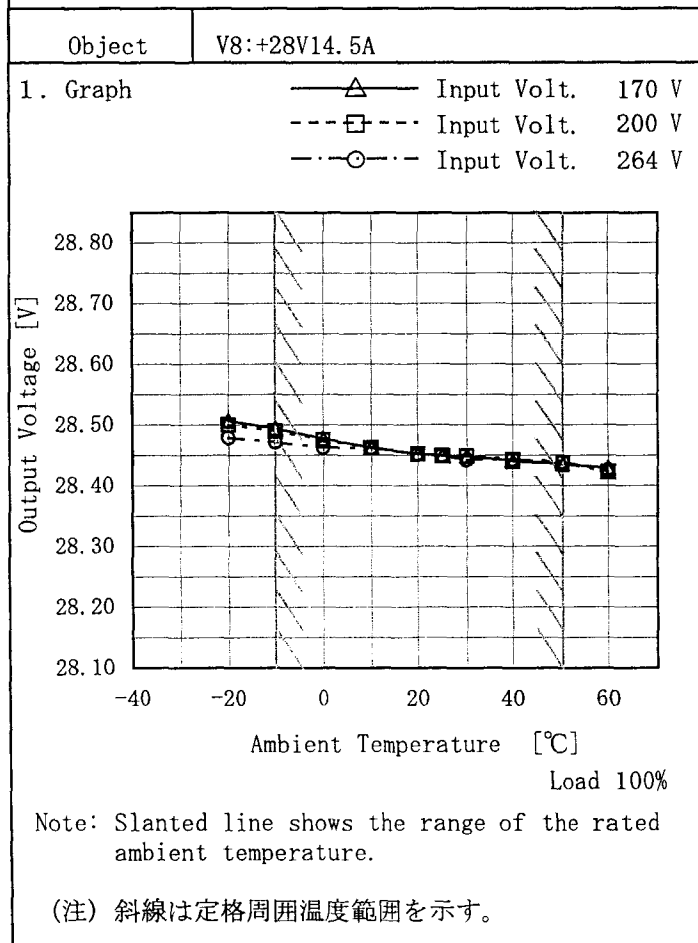
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Item		Ambient Temperature Drift 周囲温度変動		Testing Circuitry Figure A																																																				
Object		V5:+15V27A																																																						
1. Graph		<p>—△— Input Volt. 170 V</p> <p>---□--- Input Volt. 200 V</p> <p>---○--- Input Volt. 264 V</p>		2. Values																																																				
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Ambient Temperature [°C]	Output Voltage [V]																																																							
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]																																																					
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Object		V6:+18V22A																																																						
1. Graph		<p>—△— Input Volt. 170 V</p> <p>---□--- Input Volt. 200 V</p> <p>---○--- Input Volt. 264 V</p>		2. Values																																																				
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Ambient Temperature [°C]	Output Voltage [V]																																																							
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]																																																					
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0	18.407	18.407	18.407																																																					
10	18.396	18.396	18.397																																																					
20	18.384	18.385	18.385																																																					
25	18.378	18.379	18.379																																																					
30	18.374	18.374	18.375																																																					
40	18.366	18.367	18.368																																																					
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Input AC 3-phase
Testing Circuitry Figure A

2. Values

Ambient Temperature [°C]	Output Voltage [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
-20	24.460	24.463	24.465
-10	24.465	24.466	24.467
0	24.475	24.476	24.474
10	24.485	24.487	24.488
20	24.490	24.492	24.493
25	24.495	24.496	24.498
30	24.497	24.499	24.501
40	24.511	24.513	24.516
50	24.526	24.529	24.533
60	24.546	24.551	24.555
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2. Values

Ambient Temperature [°C]	Output Voltage [V]		
	Input Volt. 170[V]	Input Volt. 200[V]	Input Volt. 264[V]
-20	28.507	28.500	28.479
-10	28.494	28.490	28.471
0	28.478	28.476	28.462
10	28.463	28.462	28.462
20	28.453	28.452	28.452
25	28.449	28.449	28.449
30	28.449	28.449	28.442
40	28.440	28.443	28.443
50	28.436	28.438	28.439
60	28.429	28.423	28.425
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COSEL																																									
Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase																																						
Item	Minimum Input Voltage for Regulated Output Voltage 最低レギュレーション電圧	Testing Circuitry	Figure A																																						
Object	V1:+3.3V80A																																								
<p>1. Graph</p>		<p>2. Values</p> <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>149</td><td>149</td></tr> <tr><td>-10</td><td>148</td><td>148</td></tr> <tr><td>0</td><td>149</td><td>148</td></tr> <tr><td>10</td><td>149</td><td>148</td></tr> <tr><td>20</td><td>149</td><td>148</td></tr> <tr><td>25</td><td>148</td><td>148</td></tr> <tr><td>30</td><td>148</td><td>148</td></tr> <tr><td>40</td><td>148</td><td>148</td></tr> <tr><td>50</td><td>148</td><td>147</td></tr> <tr><td>60</td><td>148</td><td>147</td></tr> <tr><td>--</td><td>--</td><td>--</td></tr> </tbody> </table>		Ambient Temperature [°C]	Input Voltage [V]		Load 50%	Load 100%	-20	149	149	-10	148	148	0	149	148	10	149	148	20	149	148	25	148	148	30	148	148	40	148	148	50	148	147	60	148	147	--	--	--
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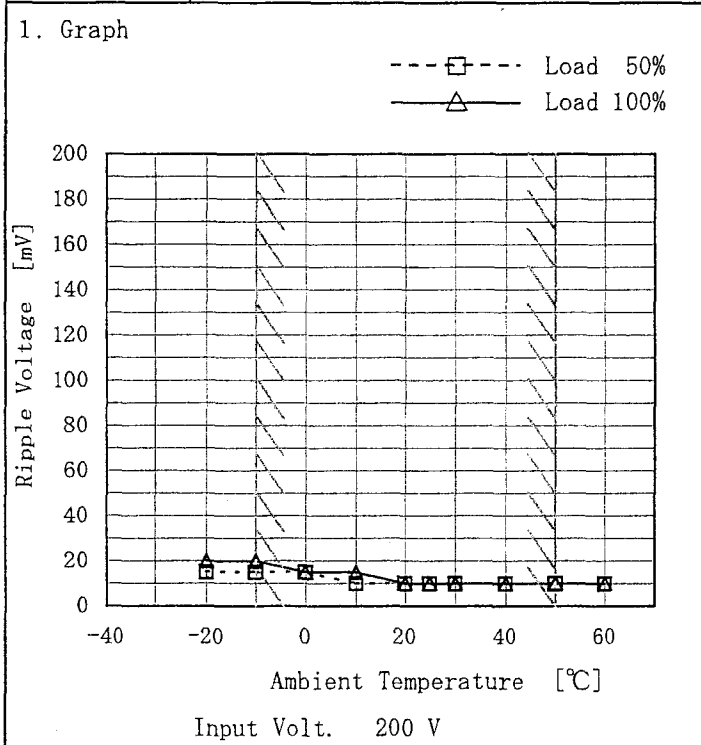


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Item	Ripple Voltage (by Ambient Temp.) リップル電圧 (周囲温度特性)	Testing Circuitry	Figure A																																						
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Model	MAX3200T (M3T-IHGFEDCB-00)
Item	Ripple Voltage (by Ambient Temp.) リップル電圧 (周囲温度特性)
Object	V3:+7.5V54A

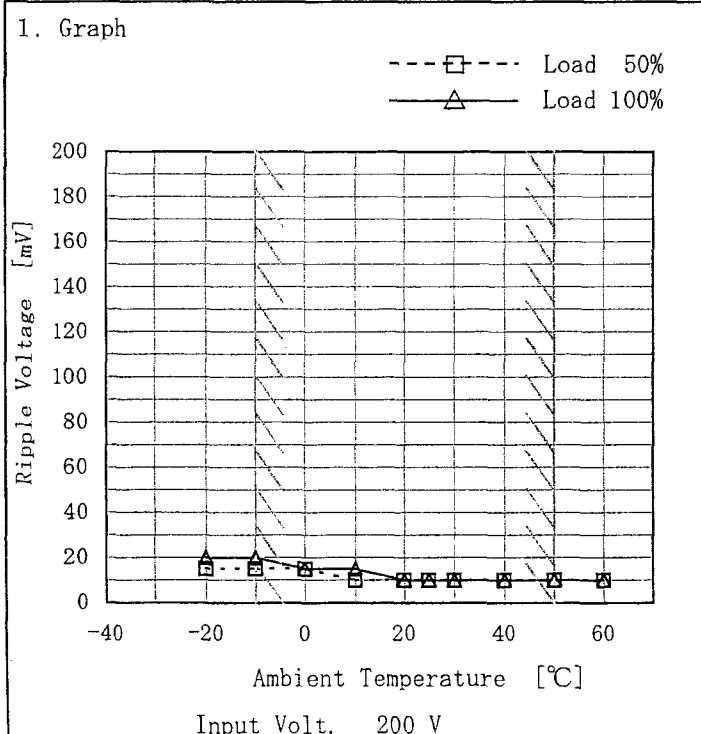
Input AC 3-phase
Testing Circuitry Figure A



2. Values

Ambient Temperature [°C]	Ripple Voltage [mV]	
	Load 50%	Load 100%
-20	15	20
-10	15	20
0	15	15
10	10	15
20	10	10
25	10	10
30	10	10
40	10	10
50	10	10
60	10	10
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Object	V4:+12V34A
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2. Values

Ambient Temperature [°C]	Ripple Voltage [mV]	
	Load 50%	Load 100%
-20	15	20
-10	15	20
0	15	15
10	10	15
20	10	10
25	10	10
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<p>Object V8:+28V14.5A</p>		<p>Input AC 3-phase</p> <p>Testing Circuitry Figure A</p>																																						
Item	<p>Ripple Voltage (by Ambient Temp.)</p> <p>リップル電圧 (周囲温度特性)</p>																																							
Object	V8:+28V14.5A																																							
<p>1. Graph</p> <p style="text-align: center;">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 rowspan="2">Ambient Temperature [°C]</th> <th colspan="2">Ripple Voltage [mV]</th> </tr> <tr> <th>Load 50%</th> <th>Load 100%</th> </tr> </thead> <tbody> <tr><td>-20</td><td>15</td><td>20</td></tr> <tr><td>-10</td><td>15</td><td>20</td></tr> <tr><td>0</td><td>15</td><td>15</td></tr> <tr><td>10</td><td>10</td><td>15</td></tr> <tr><td>20</td><td>10</td><td>10</td></tr> <tr><td>25</td><td>10</td><td>10</td></tr> <tr><td>30</td><td>10</td><td>10</td></tr> <tr><td>40</td><td>10</td><td>10</td></tr> <tr><td>50</td><td>10</td><td>10</td></tr> <tr><td>60</td><td>10</td><td>10</td></tr> <tr><td>--</td><td>--</td><td>--</td></tr> </tbody> </table>	Ambient Temperature [°C]	Ripple Voltage [mV]		Load 50%	Load 100%	-20	15	20	-10	15	20	0	15	15	10	10	15	20	10	10	25	10	10	30	10	10	40	10	10	50	10	10	60	10	10	--	--	--
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<p>Model MAX3200T (M3T-IHGFEDCB-00)</p>		<p>Input AC 3-phase</p>																						
<p>Item Time Lapse Drift 経時ドリフト</p>		<p>Temperature 25°C</p>																						
<p>Object V1:+3.3V80A</p>		<p>Testing Circuitry Figure A</p>																						
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COSEL																									
Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase																						
Item	Time Lapse Drift 経時ドリフト	Temperature	25°C																						
Object	V3:+7.5V54A	Testing Circuitry	Figure A																						
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<p>Object</p> <p>V4:+12V34A</p> <p>1. Graph</p> <p style="text-align: center;">Time [H]</p> <p style="text-align: center;">Input Volt. 200V Load 100%</p>		<p>2. Values</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>12.206</td></tr> <tr><td>0.5</td><td>12.206</td></tr> <tr><td>1.0</td><td>12.206</td></tr> <tr><td>2.0</td><td>12.206</td></tr> <tr><td>3.0</td><td>12.206</td></tr> <tr><td>4.0</td><td>12.206</td></tr> <tr><td>5.0</td><td>12.206</td></tr> <tr><td>6.0</td><td>12.206</td></tr> <tr><td>7.0</td><td>12.206</td></tr> <tr><td>8.0</td><td>12.206</td></tr> </tbody> </table>		Time since start [H]	Output Voltage [V]	0.0	12.206	0.5	12.206	1.0	12.206	2.0	12.206	3.0	12.206	4.0	12.206	5.0	12.206	6.0	12.206	7.0	12.206	8.0	12.206
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Item	Time Lapse Drift 経時ドリフト	Temperature 25°C																						
Object	V5:+15V27A	Testing Circuitry Figure A																						
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<p>Object V6:+18V22A</p> <p>1. Graph</p> <p style="text-align: center;">Time [H]</p> <p>Input Volt. 200V Load 100%</p>		<p>2. Values</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>18.443</td></tr> <tr><td>0.5</td><td>18.447</td></tr> <tr><td>1.0</td><td>18.447</td></tr> <tr><td>2.0</td><td>18.447</td></tr> <tr><td>3.0</td><td>18.447</td></tr> <tr><td>4.0</td><td>18.447</td></tr> <tr><td>5.0</td><td>18.447</td></tr> <tr><td>6.0</td><td>18.447</td></tr> <tr><td>7.0</td><td>18.447</td></tr> <tr><td>8.0</td><td>18.447</td></tr> </tbody> </table>	Time since start [H]	Output Voltage [V]	0.0	18.443	0.5	18.447	1.0	18.447	2.0	18.447	3.0	18.447	4.0	18.447	5.0	18.447	6.0	18.447	7.0	18.447	8.0	18.447
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Model	MAX3200T (M3T-IHGFEDCB-00)	Input AC 3-phase																						
Item	Time Lapse Drift 経時ドリフト	Temperature 25°C																						
Object	V7:+24V17A	Testing Circuitry Figure A																						
<p>1. Graph</p> <p style="text-align: center;">Time [H]</p> <p style="text-align: center;">Input Volt. 200V Load 100%</p>		<p>2. Values</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>24.501</td></tr> <tr><td>0.5</td><td>24.525</td></tr> <tr><td>1.0</td><td>24.525</td></tr> <tr><td>2.0</td><td>24.525</td></tr> <tr><td>3.0</td><td>24.525</td></tr> <tr><td>4.0</td><td>24.525</td></tr> <tr><td>5.0</td><td>24.525</td></tr> <tr><td>6.0</td><td>24.525</td></tr> <tr><td>7.0</td><td>24.525</td></tr> <tr><td>8.0</td><td>24.525</td></tr> </tbody> </table>	Time since start [H]	Output Voltage [V]	0.0	24.501	0.5	24.525	1.0	24.525	2.0	24.525	3.0	24.525	4.0	24.525	5.0	24.525	6.0	24.525	7.0	24.525	8.0	24.525
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Model		MAX3200T (M3T-IHGFEDCB-00)		Input AC 3-phase	
Item		Output Voltage Accuracy 定電圧精度		Testing Circuitry Figure A	

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 (V1) : 0 ~ 80A (V2) : 0~80A (V3) : 0~54A (V4) : 0~34A

* 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 (V1) : 0 ~ 80A (V2) : 0~80A (V3) : 0~54A (V4) : 0~34A

* 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

Object		V1:+3.3V80A				
Item	Temperature [°C]	Input Voltage [V]	Output		Output Voltage Accuracy	
			Current[A]	Voltage[V]	Value [mV]	Ration [%]
Maximum Voltage	-10	170	0	3.361	±20	±0.6
Minimum Voltage	50	200	80	3.322		

Object		V2:+5V80A				
Item	Temperature [°C]	Input Voltage [V]	Output		Output Voltage Accuracy	
			Current[A]	Voltage[V]	Value [mV]	Ration [%]
Maximum Voltage	50	264	0	5.071	±11	±0.2
Minimum Voltage	50	170	80	5.048		

Object		V3:+7.5V54A				
Item	Temperature [°C]	Input Voltage [V]	Output		Output Voltage Accuracy	
			Current[A]	Voltage[V]	Value [mV]	Ration [%]
Maximum Voltage	50	264	0	7.629	±20	±0.3
Minimum Voltage	-10	264	54	7.588		

Object		V4:+12V34A				
Item	Temperature [°C]	Input Voltage [V]	Output		Output Voltage Accuracy	
			Current[A]	Voltage[V]	Value [mV]	Ration [%]
Maximum Voltage	-10	264	34	12.232	±20	±0.2
Minimum Voltage	50	170	34	12.192		



Model		MAX3200T (M3T-IHGFEDCB-00)		Input AC 3-phase	
Item		Output Voltage Accuracy 定電圧精度		Testing Circuitry Figure A	

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 (V5) : 0 ~ 27A (V6) : 0~22A (V7) : 0~17A (V8) : 0~14.5A

* 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 (V5) : 0 ~ 27A (V6) : 0~22A (V7) : 0~17A (V8) : 0~14.5A

* 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

Object		V5:+15V27A				
Item	Temperature [°C]	Input Voltage [V]	Output		Output Voltage Accuracy	
			Current[A]	Voltage[V]	Value [mV]	Ration [%]
Maximum Voltage	50	264	0	15.394	±47	±0.3
Minimum Voltage	-10	170	27	15.300		

Object		V6:+18V22A				
Item	Temperature [°C]	Input Voltage [V]	Output		Output Voltage Accuracy	
			Current[A]	Voltage[V]	Value [mV]	Ration [%]
Maximum Voltage	-10	264	22	18.475	±27	±0.2
Minimum Voltage	50	170	22	18.422		

Object		V7:+24V17A				
Item	Temperature [°C]	Input Voltage [V]	Output		Output Voltage Accuracy	
			Current[A]	Voltage[V]	Value [mV]	Ration [%]
Maximum Voltage	50	264	0	24.570	±55	±0.2
Minimum Voltage	-10	170	0	24.461		

Object		V8:+28V14.5A				
Item	Temperature [°C]	Input Voltage [V]	Output		Output Voltage Accuracy	
			Current[A]	Voltage[V]	Value [mV]	Ration [%]
Maximum Voltage	50	264	0	28.494	±43	±0.2
Minimum Voltage	-10	170	0	28.409		



COSEL		
Model	MAX3200T (M3T-IHGFEDCB-00)	
Item	Condense 結露特性	Input AC 3-phase Testing Circuitry Figure A

1. Condensation test

Testing procedure is as follows.

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

1. 結露特性試験

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

2. Values

Object	V1:+3.3V80A
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Item	Data	Testing Conditions
Output Voltage [V]	3.325	Input Volt.:200V, Load Current.:80A
Line Regulation [mV]	2	Input Volt.:170~264V, Load Current.:80A
Load Regulation [mV]	19	Input Volt.:200V, Load Current.:0~80A

Object	V2:+5V80A
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Item	Data	Testing Conditions
Output Voltage [V]	5.026	Input Volt.:200V, Load Current.:80A
Line Regulation [mV]	2	Input Volt.:170~264V, Load Current.:80A
Load Regulation [mV]	19	Input Volt.:200V, Load Current.:0~80A

Object	V3:+7.5V54A
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Item	Data	Testing Conditions
Output Voltage [V]	7.566	Input Volt.:200V, Load Current.:54A
Line Regulation [mV]	5	Input Volt.:170~264V, Load Current.:54A
Load Regulation [mV]	15	Input Volt.:200V, Load Current.:0~54A

Object	V4:+12V34A
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Item	Data	Testing Conditions
Output Voltage [V]	12.443	Input Volt.:200V, Load Current.:34A
Line Regulation [mV]	4	Input Volt.:170~264V, Load Current.:34A
Load Regulation [mV]	1	Input Volt.:200V, Load Current.:0~34A



COSEL														
Model	MAX3200T (M3T-IHGFEDCB-00)													
Item	Condense 結露特性	Input AC 3-phase Testing Circuitry Figure A												
<p>1. Condensation test</p> <p>Testing procedure is as follows.</p> <p>① Keeping and cooling the unit in a tank at -10°C for an hour with the input off.</p> <p>② Taking it out of the tank and dewing itself in a room where the temperature is 25°C and the humidity is 40%RH.</p> <p>③ Testing electrical characteristics of the unit to confirm there be no fault.</p> <p>1. 結露特性試験</p> <p>入力を切った状態で、恒温槽で-10°Cに冷却しておき、約1時間後に恒温槽から取り出し、室温25°C、湿度40%RHの状態におき結露させ、その電気的特性の測定を行い異常のないことを確認する。</p> <p>2. Values</p>														
Object	V5:+15V27A													
<table border="1"> <thead> <tr> <th>Item</th> <th>Data</th> <th>Testing Conditions</th> </tr> </thead> <tbody> <tr> <td>Output Voltage [V]</td> <td>15.502</td> <td>Input Volt. :200V, Load Current. :27A</td> </tr> <tr> <td>Line Regulation [mV]</td> <td>2</td> <td>Input Volt. :170~264V, Load Current. :27A</td> </tr> <tr> <td>Load Regulation [mV]</td> <td>4</td> <td>Input Volt. :200V, Load Current. :0~27A</td> </tr> </tbody> </table>			Item	Data	Testing Conditions	Output Voltage [V]	15.502	Input Volt. :200V, Load Current. :27A	Line Regulation [mV]	2	Input Volt. :170~264V, Load Current. :27A	Load Regulation [mV]	4	Input Volt. :200V, Load Current. :0~27A
Item	Data	Testing Conditions												
Output Voltage [V]	15.502	Input Volt. :200V, Load Current. :27A												
Line Regulation [mV]	2	Input Volt. :170~264V, Load Current. :27A												
Load Regulation [mV]	4	Input Volt. :200V, Load Current. :0~27A												
Object	V6:+18V22A													
<table border="1"> <thead> <tr> <th>Item</th> <th>Data</th> <th>Testing Conditions</th> </tr> </thead> <tbody> <tr> <td>Output Voltage [V]</td> <td>18.537</td> <td>Input Volt. :200V, Load Current. :22A</td> </tr> <tr> <td>Line Regulation [mV]</td> <td>5</td> <td>Input Volt. :170~264V, Load Current. :22A</td> </tr> <tr> <td>Load Regulation [mV]</td> <td>7</td> <td>Input Volt. :200V, Load Current. :0~22A</td> </tr> </tbody> </table>			Item	Data	Testing Conditions	Output Voltage [V]	18.537	Input Volt. :200V, Load Current. :22A	Line Regulation [mV]	5	Input Volt. :170~264V, Load Current. :22A	Load Regulation [mV]	7	Input Volt. :200V, Load Current. :0~22A
Item	Data	Testing Conditions												
Output Voltage [V]	18.537	Input Volt. :200V, Load Current. :22A												
Line Regulation [mV]	5	Input Volt. :170~264V, Load Current. :22A												
Load Regulation [mV]	7	Input Volt. :200V, Load Current. :0~22A												
Object	V7:+24V17A													
<table border="1"> <thead> <tr> <th>Item</th> <th>Data</th> <th>Testing Conditions</th> </tr> </thead> <tbody> <tr> <td>Output Voltage [V]</td> <td>24.548</td> <td>Input Volt. :200V, Load Current. :17A</td> </tr> <tr> <td>Line Regulation [mV]</td> <td>7</td> <td>Input Volt. :170~264V, Load Current. :17A</td> </tr> <tr> <td>Load Regulation [mV]</td> <td>37</td> <td>Input Volt. :200V, Load Current. :0~17A</td> </tr> </tbody> </table>			Item	Data	Testing Conditions	Output Voltage [V]	24.548	Input Volt. :200V, Load Current. :17A	Line Regulation [mV]	7	Input Volt. :170~264V, Load Current. :17A	Load Regulation [mV]	37	Input Volt. :200V, Load Current. :0~17A
Item	Data	Testing Conditions												
Output Voltage [V]	24.548	Input Volt. :200V, Load Current. :17A												
Line Regulation [mV]	7	Input Volt. :170~264V, Load Current. :17A												
Load Regulation [mV]	37	Input Volt. :200V, Load Current. :0~17A												
Object	V8:+28V14.5A													
<table border="1"> <thead> <tr> <th>Item</th> <th>Data</th> <th>Testing Conditions</th> </tr> </thead> <tbody> <tr> <td>Output Voltage [V]</td> <td>28.304</td> <td>Input Volt. :200V, Load Current. :14.5A</td> </tr> <tr> <td>Line Regulation [mV]</td> <td>8</td> <td>Input Volt. :170~264V, Load Current. :14.5A</td> </tr> <tr> <td>Load Regulation [mV]</td> <td>28</td> <td>Input Volt. :200V, Load Current. :0~14.5A</td> </tr> </tbody> </table>			Item	Data	Testing Conditions	Output Voltage [V]	28.304	Input Volt. :200V, Load Current. :14.5A	Line Regulation [mV]	8	Input Volt. :170~264V, Load Current. :14.5A	Load Regulation [mV]	28	Input Volt. :200V, Load Current. :0~14.5A
Item	Data	Testing Conditions												
Output Voltage [V]	28.304	Input Volt. :200V, Load Current. :14.5A												
Line Regulation [mV]	8	Input Volt. :170~264V, Load Current. :14.5A												
Load Regulation [mV]	28	Input Volt. :200V, Load Current. :0~14.5A												



COSEL			
Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item	Leakage Current 漏洩電流	Temperature	25°C
Object	_____	Testing Circuitry	Figure B

1. Results

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

Standards	Leakage Current [mA]		
	Input Volt.	Input Volt.	Input Volt.
	170 [V]	230 [V]	264 [V]
(B) IEC60950	0.76	0.86	1.25

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。



Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item	Line Noise Tolerance 入力雑音耐量	Temperature	25°C
		Testing Circuitry	Figure C

1. Conditions

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

2. Results

Object	V1:+3.3V80A			
	Pulse Width [nS]	MODE	Malfunction of protective circuits	Fluctuation of output voltage
		POLARITY		
	50	COMMON	+ / -	OK
		NORMAL	+ / -	OK
	1000	COMMON	+ / -	OK
		NORMAL	+ / -	OK
Object	V2:+5V80A			
	Pulse Width [nS]	MODE	Malfunction of protective circuits	Fluctuation of output voltage
		POLARITY		
	50	COMMON	+ / -	OK
		NORMAL	+ / -	OK
	1000	COMMON	+ / -	OK
		NORMAL	+ / -	OK
Object	V3:+7.5V54A			
	Pulse Width [nS]	MODE	Malfunction of protective circuits	Fluctuation of output voltage
		POLARITY		
	50	COMMON	+ / -	OK
		NORMAL	+ / -	OK
	1000	COMMON	+ / -	OK
		NORMAL	+ / -	OK
Object	V4:+12V34A			
	Pulse Width [nS]	MODE	Malfunction of protective circuits	Fluctuation of output voltage
		POLARITY		
	50	COMMON	+ / -	OK
		NORMAL	+ / -	OK
	1000	COMMON	+ / -	OK
		NORMAL	+ / -	OK



COSEL				
Model	MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase	
Item	Line Noise Tolerance 入力雑音耐量	Temperature	25°C	
		Testing Circuitry	Figure C	
<p>1. Conditions</p> <ul style="list-style-type: none"> • Input Voltage : 200 V • Pulse Voltage : 2000 V • Pulse Cycle : 10 mS • Pulse Input Duration : 1 min. or more • Load : 100 % <p>2. Results</p>				
Object	V5:+15V27A			
	Pulse Width [nS]	MODE POLARITY	Malfunction of protective circuits	Fluctuation of output voltage
	50	COMMON + / -	OK	OK
		NORMAL + / -	OK	OK
	1000	COMMON + / -	OK	OK
		NORMAL + / -	OK	OK
Object	V6:+18V22A			
	Pulse Width [nS]	MODE POLARITY	Malfunction of protective circuits	Fluctuation of output voltage
	50	COMMON + / -	OK	OK
		NORMAL + / -	OK	OK
	1000	COMMON + / -	OK	OK
		NORMAL + / -	OK	OK
Object	V7:+24V17A			
	Pulse Width [nS]	MODE POLARITY	Malfunction of protective circuits	Fluctuation of output voltage
	50	COMMON + / -	OK	OK
		NORMAL + / -	OK	OK
	1000	COMMON + / -	OK	OK
		NORMAL + / -	OK	OK
Object	V8:+28V14.5A			
	Pulse Width [nS]	MODE POLARITY	Malfunction of protective circuits	Fluctuation of output voltage
	50	COMMON + / -	OK	OK
		NORMAL + / -	OK	OK
	1000	COMMON + / -	OK	OK
		NORMAL + / -	OK	OK



Model		MAX3200T (M3T-IHGFEDCB-00)	Input	AC 3-phase
Item		Conducted Emission 雑音端子電圧	Temperature	25°C
Object			Testing Circuitry	Figure D

1. Graph

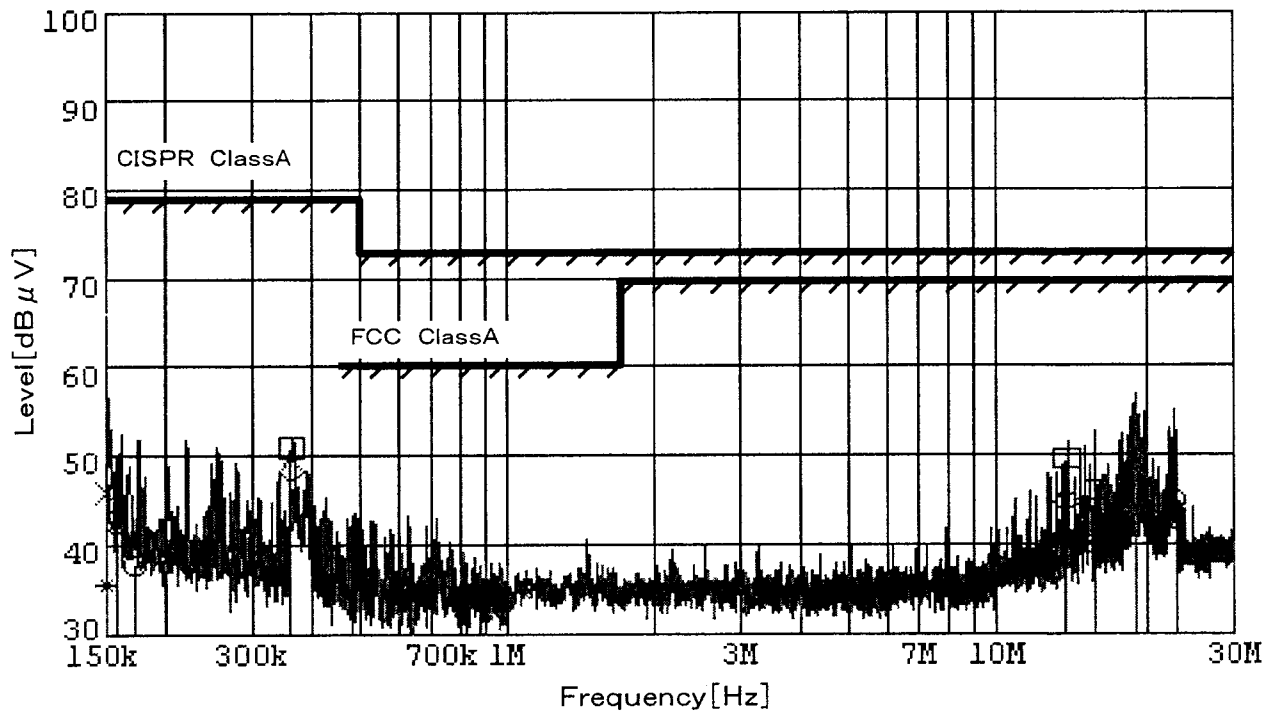
Remarks

Input Volt. 230V

Load 100%

Limit1:[CISPR Pub22]Class A

Limit2:[FCC Prt15]Class A



COSEL

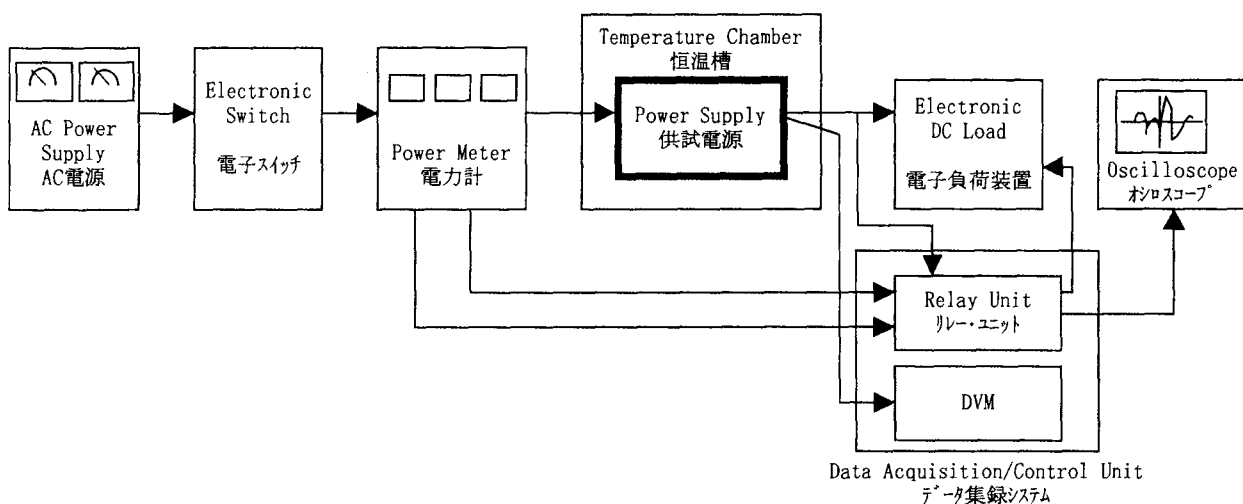


Figure A

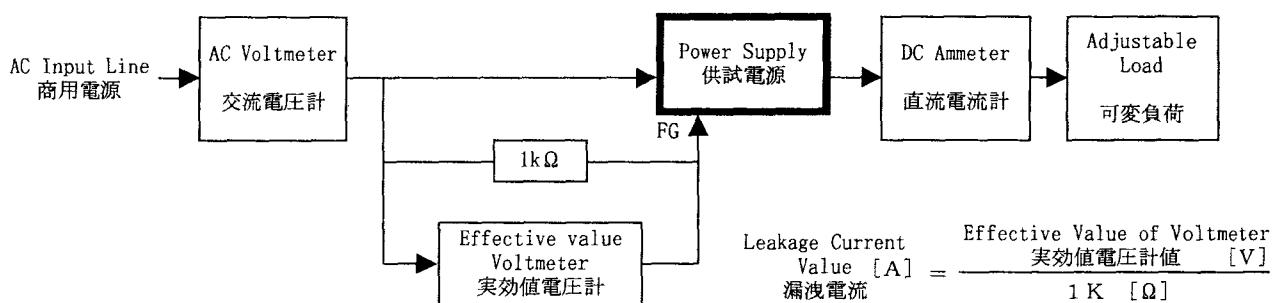


Figure B (DEN-AN)

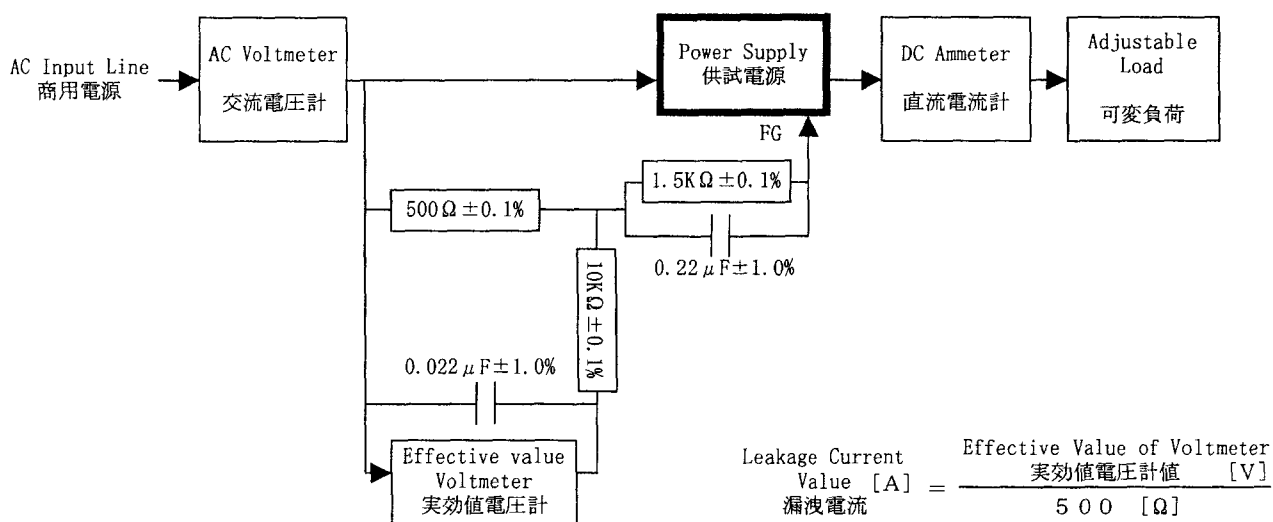


Figure B (IEC60950)

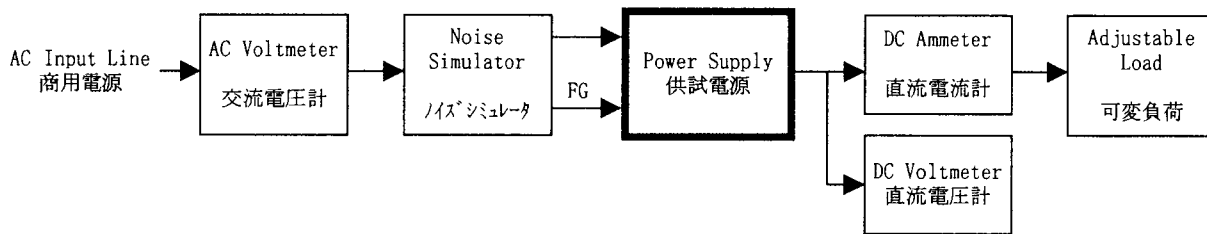


Figure C

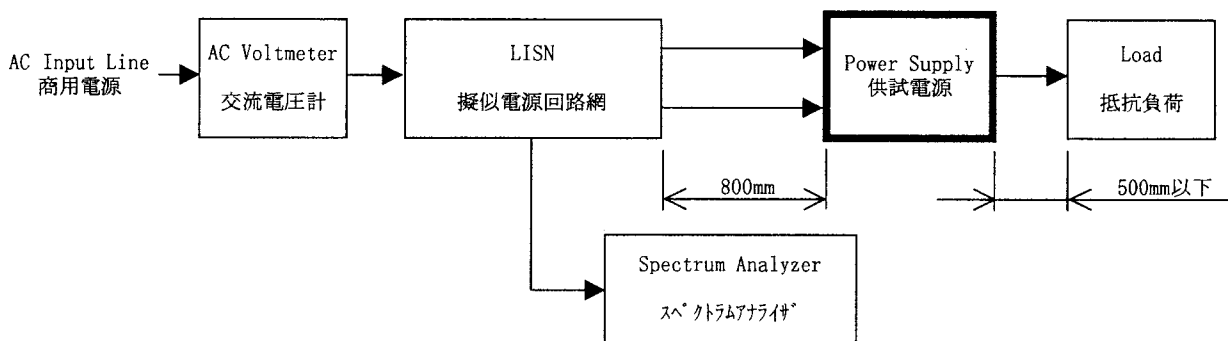


Figure D

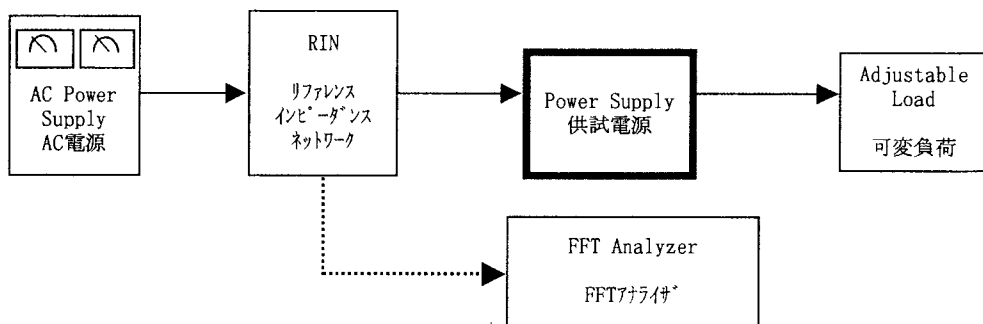


Figure E