


TEST DATA OF PJMA600F-36

Regulated DC Power Supply
July 6, 2020

Approved by : 
Takashi Kajii Design Manager

Prepared by : 
Ryo Takahashi Design Engineer

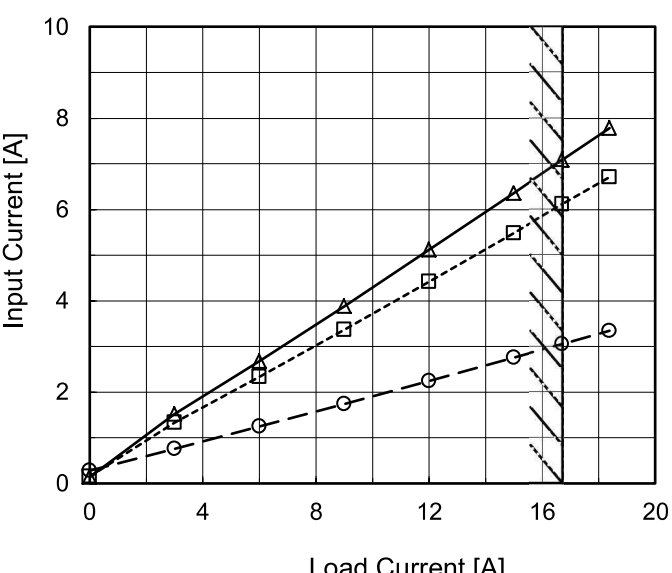
COSEL CO.,LTD.

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(Final Page 24)

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Model		PJMA600F-36		Temperature 25°C																																																				
Item		Input Current (by Load Current)		Testing Circuitry Figure A																																																				
Object		_____																																																						
1.Graph		<div><div><div>—△—</div><div>Input Volt.</div><div>100V</div></div><div><div>---□---</div><div>Input Volt.</div><div>115V</div></div><div><div>---○---</div><div>Input Volt.</div><div>230V</div></div></div>  <div>Input Current [A]</div> <div>Load Current [A]</div>		2.Values																																																				
		<table><tr><th rowspan="2">Load Current [A]</th><th colspan="3">Input Current [A]</th></tr><tr><th>Input Volt. 100[V]</th><th>Input Volt. 115[V]</th><th>Input Volt. 230[V]</th></tr><tr><td>0.00</td><td>0.143</td><td>0.154</td><td>0.280</td></tr><tr><td>3.00</td><td>1.517</td><td>1.335</td><td>0.754</td></tr><tr><td>6.00</td><td>2.678</td><td>2.334</td><td>1.242</td></tr><tr><td>9.00</td><td>3.881</td><td>3.366</td><td>1.740</td></tr><tr><td>12.00</td><td>5.115</td><td>4.420</td><td>2.245</td></tr><tr><td>15.00</td><td>6.356</td><td>5.486</td><td>2.754</td></tr><tr><td>16.70</td><td>7.080</td><td>6.110</td><td>3.047</td></tr><tr><td>18.37</td><td>7.780</td><td>6.712</td><td>3.336</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr></table>				Load Current [A]	Input Current [A]			Input Volt. 100[V]	Input Volt. 115[V]	Input Volt. 230[V]	0.00	0.143	0.154	0.280	3.00	1.517	1.335	0.754	6.00	2.678	2.334	1.242	9.00	3.881	3.366	1.740	12.00	5.115	4.420	2.245	15.00	6.356	5.486	2.754	16.70	7.080	6.110	3.047	18.37	7.780	6.712	3.336	--	-	-	-	--	-	-	-	--	-	-	-
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Model

PJMA600F-36

Item

Power Factor (by Input Voltage)

Object

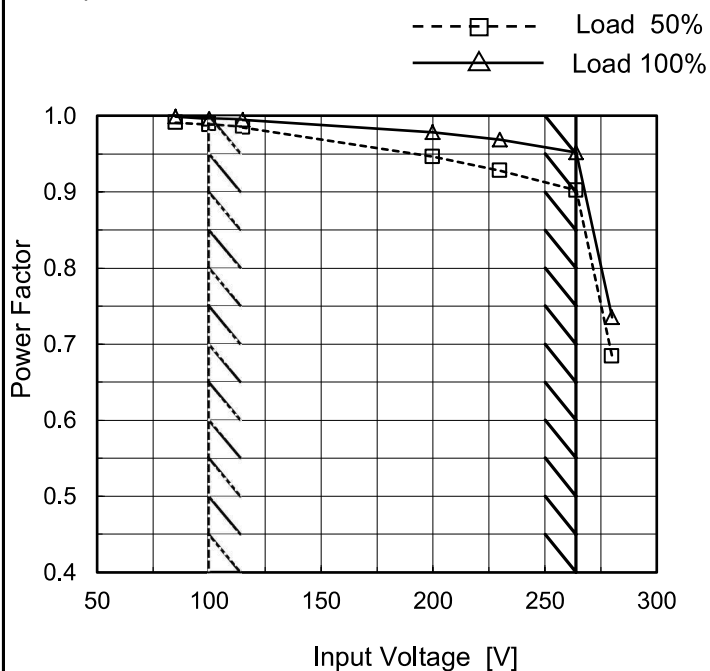
Temperature

25°C

Testing Circuitry

Figure A

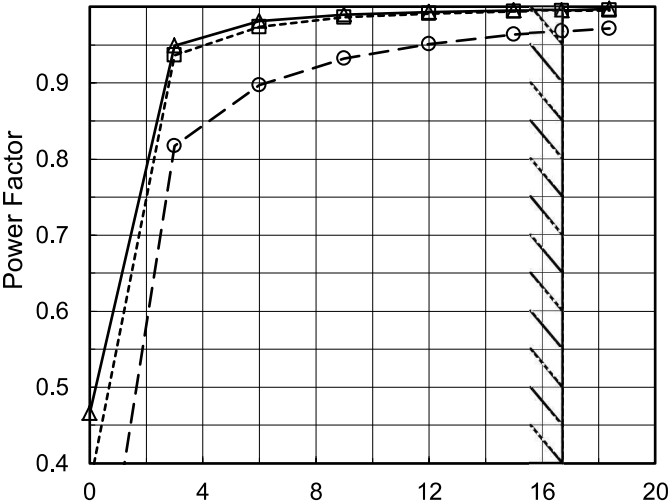
1.Graph



2.Values

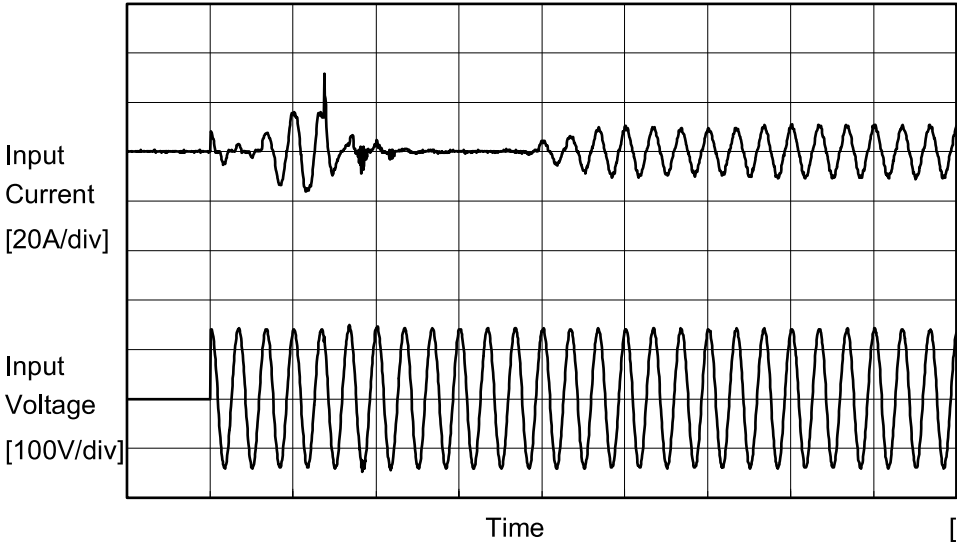
Input Voltage [V]	Power Factor	
	Load 50%	Load 100%
85	0.991	0.999
100	0.988	0.996
115	0.985	0.995
200	0.946	0.978
230	0.928	0.969
264	0.902	0.952
280	0.684	0.735
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Item		Power Factor (by Load Current)		Testing Circuitry Figure A																																																				
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1.Graph		<div><div><div>—△—</div><div>Input Volt.</div><div>100V</div></div><div><div>---□---</div><div>Input Volt.</div><div>115V</div></div><div><div>---○---</div><div>Input Volt.</div><div>230V</div></div></div>  <div>Power Factor</div> <div>Load Current [A]</div>		2.Values																																																				
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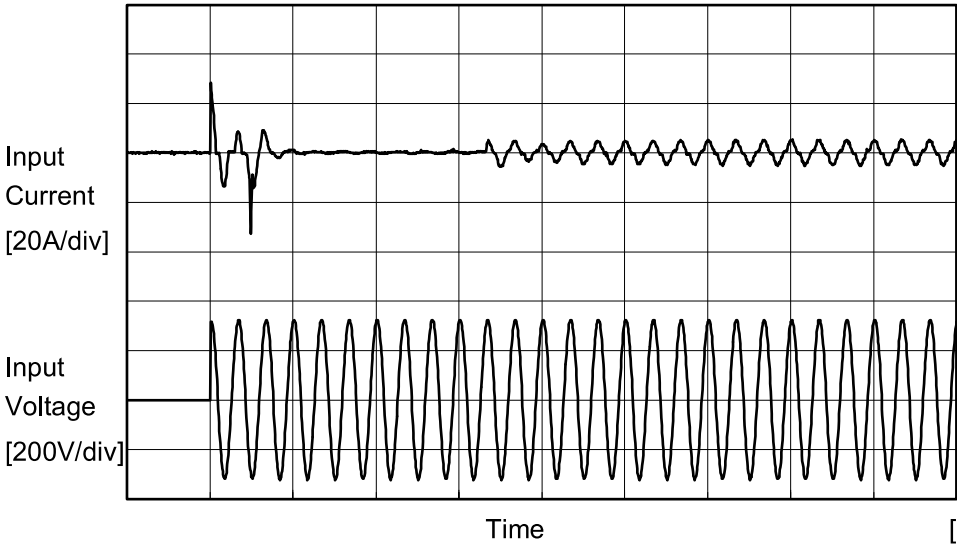


Model	PJMA600F-36		
Item	Inrush Current	Temperature	25°C
Object		Testing Circuitry	Figure A



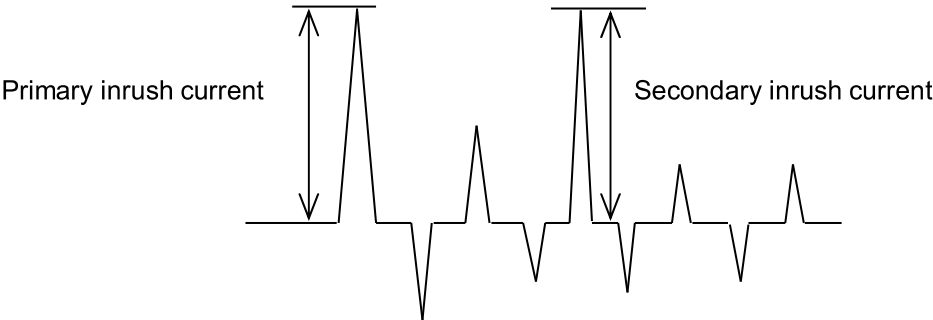
Input Voltage 100 V
Frequency 60 Hz
Load 100 %

Primary inrush current : 15.6 A
Secondary inrush current : 31.6 A



Input Voltage 230 V
Frequency 60 Hz
Load 100 %

Primary inrush current : 32.8 A
Secondary inrush current : 5.6 A





		Temperature 25°C Testing Circuitry Figure B
Model	PJMA600F-36	
Item	Leakage Current	
Object	_____	

1.Results

[mA]

Standards		Input Volt.			Note
		100 [V]	115 [V]	240 [V]	
IEC60601-1	Both phases	0.09	0.10	0.23	Operation
	One of phases	0.16	0.19	0.43	Stand by

The value for "One of phases" is the reference value only.

2.Condition

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

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Item	Line Regulation	Temperature	25°C																																
		Testing Circuitry	Figure A																																
Object	+36V16.7A																																		
1.Graph		2.Values																																	
<div><div><div>---□---</div><div>Load 50%</div></div><div><div>—△—</div><div>Load 100%</div></div></div> <p>Output Voltage [V]</p> <p>Input Voltage [V]</p> <p>Note: Slanted line shows the range of the rated input voltage.</p>		<table><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><tr><td>85</td><td>36.265</td><td>36.265</td></tr><tr><td>100</td><td>36.267</td><td>36.266</td></tr><tr><td>115</td><td>36.267</td><td>36.267</td></tr><tr><td>200</td><td>36.267</td><td>36.266</td></tr><tr><td>230</td><td>36.268</td><td>36.267</td></tr><tr><td>264</td><td>36.269</td><td>36.268</td></tr><tr><td>280</td><td>36.269</td><td>36.268</td></tr><tr><td>--</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td></tr></table>		Input Voltage [V]	Output Voltage [V]		Load 50%	Load 100%	85	36.265	36.265	100	36.267	36.266	115	36.267	36.267	200	36.267	36.266	230	36.268	36.267	264	36.269	36.268	280	36.269	36.268	--	-	-	--	-	-
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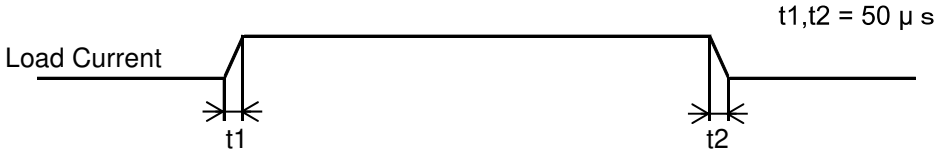
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Item		Load Regulation		Testing Circuitry Figure A	
Object		+36V16.7A			
1.Graph		<div><div><div><div></div></div><div><div></div></div><div><div></div></div></div><div><div>Input Volt. 100V</div><div>Input Volt. 115V</div><div>Input Volt. 230V</div></div></div>		2.Values	
<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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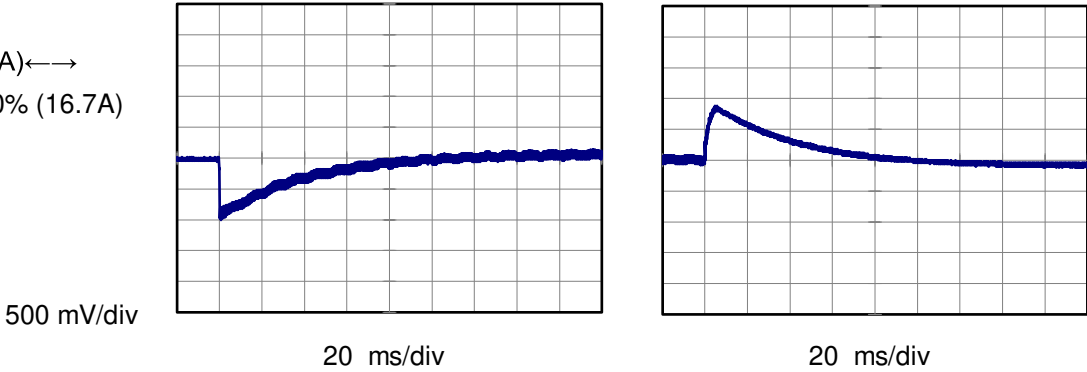


Model	PJMA600F-36		
Item	Dynamic Load Response	Temperature	25°C
Object	+36V16.7A	Testing Circuitry	Figure A

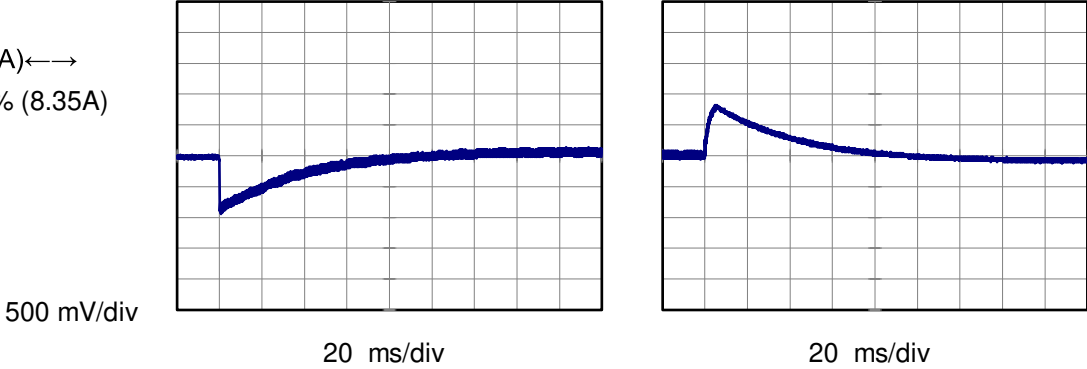
Input Volt. 100 V
Cycle 1000 ms



Min.Load (0A) ←→
Load 100% (16.7A)



Min.Load (0A) ←→
Load 50% (8.35A)



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Model		PJMA600F- 36	Temperature		25°C																																																																										
Item		Ripple Voltage (by Load Current)	Testing Circuitry		Figure C																																																																										
Object		+36V16.7A																																																																													
1.Graph			2.Values																																																																												
<div><div><div><div><div></div><div>—△—</div><div>Input Volt. 100V</div></div><div><div>---○---</div><div>Input Volt. 230V</div></div></div><div><table><thead><tr><th>Load Current [A]</th><th>Input Volt. 100 [V]</th><th>Input Volt. 230 [V]</th></tr></thead><tbody><tr><td>0.0</td><td>10</td><td>10</td></tr><tr><td>2.5</td><td>15</td><td>15</td></tr><tr><td>5.0</td><td>15</td><td>15</td></tr><tr><td>7.5</td><td>15</td><td>15</td></tr><tr><td>10.0</td><td>15</td><td>15</td></tr><tr><td>12.5</td><td>20</td><td>20</td></tr><tr><td>15.0</td><td>20</td><td>20</td></tr><tr><td>16.7</td><td>20</td><td>20</td></tr><tr><td>18.4</td><td>25</td><td>25</td></tr><tr><td>--</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td></tr></tbody></table></div></div><div><p>Measured by 20 MHz Oscilloscope.</p><p>Ripple Voltage is shown as p-p in the figure below.</p><p>Note: Slanted line shows the range of the rated load current.</p></div><div><div><div><div></div><div>T1: Due to AC Input Line</div></div><div><div></div><div>T2: Due to Switching</div></div></div><div><p>Fig. Complex Ripple Wave Form</p></div></div></div>			Load Current [A]	Input Volt. 100 [V]	Input Volt. 230 [V]	0.0	10	10	2.5	15	15	5.0	15	15	7.5	15	15	10.0	15	15	12.5	20	20	15.0	20	20	16.7	20	20	18.4	25	25	--	-	-	--	-	-	<table><thead><tr><th rowspan="2">Load Current [A]</th><th colspan="2">Ripple Voltage [mV]</th></tr><tr><th>Input Volt. 100 [V]</th><th>Input Volt. 230 [V]</th></tr></thead><tbody><tr><td>0.0</td><td>10</td><td>10</td></tr><tr><td>2.5</td><td>15</td><td>15</td></tr><tr><td>5.0</td><td>15</td><td>15</td></tr><tr><td>7.5</td><td>15</td><td>15</td></tr><tr><td>10.0</td><td>15</td><td>15</td></tr><tr><td>12.5</td><td>20</td><td>20</td></tr><tr><td>15.0</td><td>20</td><td>20</td></tr><tr><td>16.7</td><td>20</td><td>20</td></tr><tr><td>18.4</td><td>25</td><td>25</td></tr><tr><td>--</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td></tr></tbody></table>			Load Current [A]	Ripple Voltage [mV]		Input Volt. 100 [V]	Input Volt. 230 [V]	0.0	10	10	2.5	15	15	5.0	15	15	7.5	15	15	10.0	15	15	12.5	20	20	15.0	20	20	16.7	20	20	18.4	25	25	--	-	-	--	-	-
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Model		PJMA600F-36	Temperature 25°C Testing Circuitry Figure C																																			
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Object		+36V16.7A																																				
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Load Current [A]	Input Volt. 100 [V]	Input Volt. 230 [V]																																				
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COSEL

Model		PJMA600F-36	Testing Circuitry Figure A
Item		Ripple Voltage (by Ambient Temp.)	
Object		+36V16.7A	
1.Graph			2.Values
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COSEL

Model		PJMA600F-36																																																				
Item		Ambient Temperature Drift																																																				
Object		+36V16.7A																																																				
1.Graph		2.Values																																																				
<div><div><div><div><div></div><div></div></div><div>—△—</div><div>Input Volt. 100V</div></div><div><div><div></div><div></div></div><div>---□---</div><div>Input Volt. 115V</div></div><div><div><div></div><div></div></div><div>---⊖---</div><div>Input Volt. 230V</div></div></div><div><p>Output Voltage [V]</p><p>Ambient Temperature [°C]</p><p>Load 100%</p></div></div>		<table><tr><th rowspan="2">Ambient Temperature [°C]</th><th colspan="3">Output Voltage [V]</th></tr><tr><th>Input Volt. 100[V]</th><th>Input Volt. 115[V]</th><th>Input Volt. 230[V]</th></tr><tr><td>-30</td><td>36.060</td><td>36.060</td><td>36.060</td></tr><tr><td>-20</td><td>36.092</td><td>36.093</td><td>36.094</td></tr><tr><td>-10</td><td>36.153</td><td>36.153</td><td>36.154</td></tr><tr><td>0</td><td>36.194</td><td>36.195</td><td>36.196</td></tr><tr><td>10</td><td>36.218</td><td>36.219</td><td>36.220</td></tr><tr><td>25</td><td>36.266</td><td>36.266</td><td>36.267</td></tr><tr><td>30</td><td>36.278</td><td>36.278</td><td>36.279</td></tr><tr><td>40</td><td>36.294</td><td>36.295</td><td>36.296</td></tr><tr><td>50</td><td>36.313</td><td>36.314</td><td>36.315</td></tr><tr><td>60</td><td>36.336</td><td>36.337</td><td>36.338</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr></table>		Ambient Temperature [°C]	Output Voltage [V]			Input Volt. 100[V]	Input Volt. 115[V]	Input Volt. 230[V]	-30	36.060	36.060	36.060	-20	36.092	36.093	36.094	-10	36.153	36.153	36.154	0	36.194	36.195	36.196	10	36.218	36.219	36.220	25	36.266	36.266	36.267	30	36.278	36.278	36.279	40	36.294	36.295	36.296	50	36.313	36.314	36.315	60	36.336	36.337	36.338	--	-	-	-
Ambient Temperature [°C]	Output Voltage [V]																																																					
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Note: Slanted line shows the range of the rated ambient temperature.																																																						



COSEL		Testing Circuitry Figure A
Model	PJMA600F-36	
Item	Output Voltage Accuracy	
Object	+36V16.7A	

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 - 50°C

Input Voltage : 100 - 230V

Load Current : 0 - 16.7A

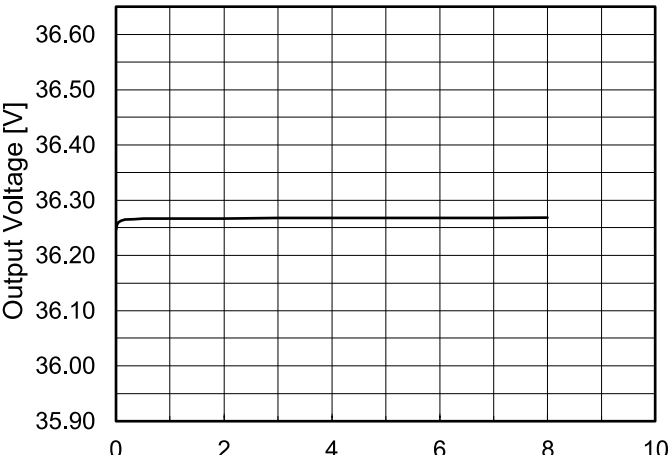
* Output Voltage Accuracy = $\pm(\text{Maximum of Output Voltage} - \text{Minimum of Output Voltage}) / 2$

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

2. Values

Item	Temperature [°C]	Input Voltage[V]	Output		Output Voltage Accuracy	
			Current[A]	Voltage[V]	Value [mV]	Ratio [%]
Maximum Voltage	50	230	0	36.343	±126	±0.4
Minimum Voltage	-20	100	16.7	36.092		

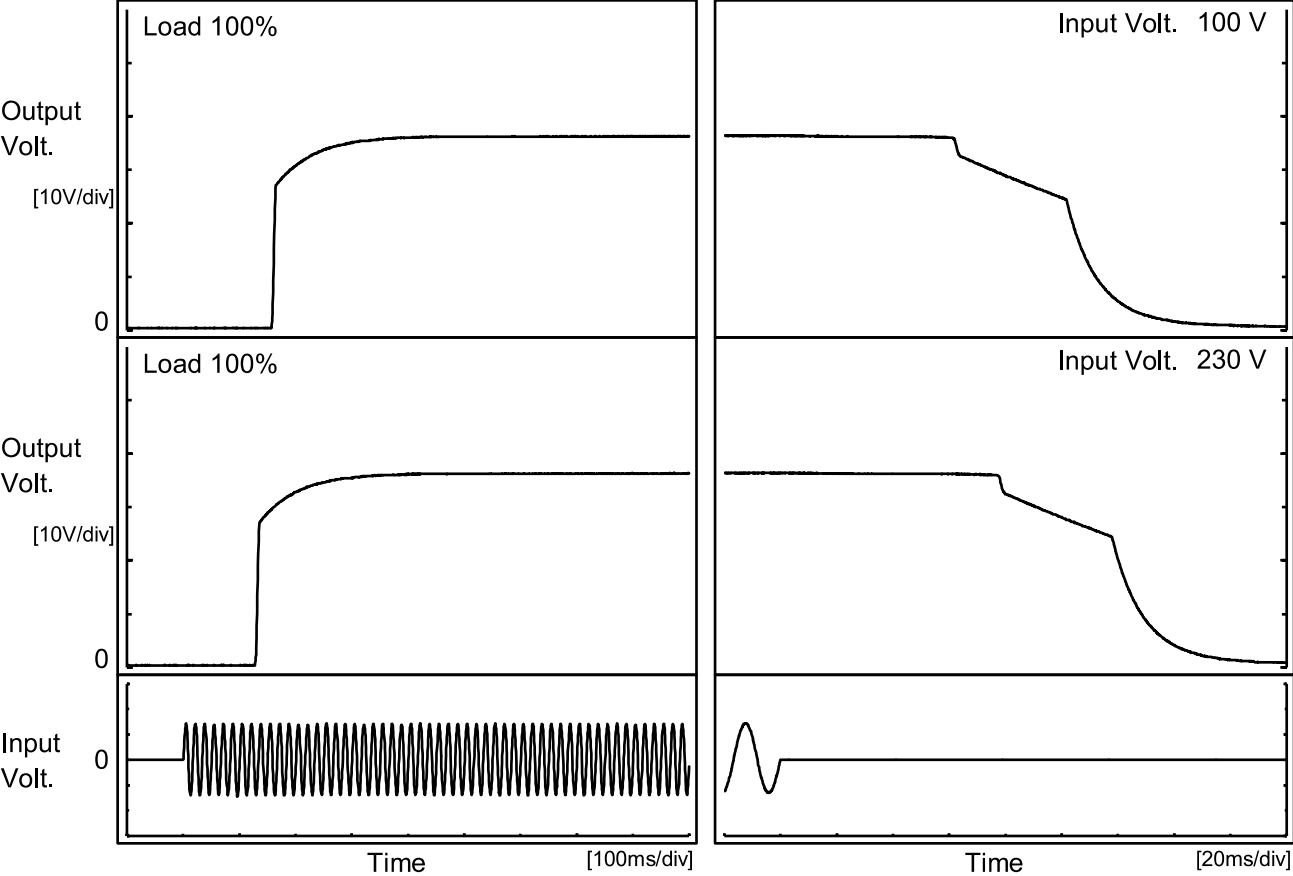
COSEL

LUSEL																									
Model	PJMA600F-36																								
Item	Time Lapse Drift	Temperature	25°C																						
Object	+36V16.7A	Testing Circuitry	Figure A																						
1.Graph		2.Values																							
<div><p>Output Voltage [V]</p><p>Time [H]</p><p>Input Volt. 230V</p><p>Load 100%</p></div>		<table><tr><th>Time since start [H]</th><th>Output Voltage [V]</th></tr><tr><td>0.0</td><td>36.246</td></tr><tr><td>0.5</td><td>36.267</td></tr><tr><td>1.0</td><td>36.267</td></tr><tr><td>2.0</td><td>36.267</td></tr><tr><td>3.0</td><td>36.267</td></tr><tr><td>4.0</td><td>36.268</td></tr><tr><td>5.0</td><td>36.267</td></tr><tr><td>6.0</td><td>36.268</td></tr><tr><td>7.0</td><td>36.268</td></tr><tr><td>8.0</td><td>36.269</td></tr></table>		Time since start [H]	Output Voltage [V]	0.0	36.246	0.5	36.267	1.0	36.267	2.0	36.267	3.0	36.267	4.0	36.268	5.0	36.267	6.0	36.268	7.0	36.268	8.0	36.269
Time since start [H]	Output Voltage [V]																								
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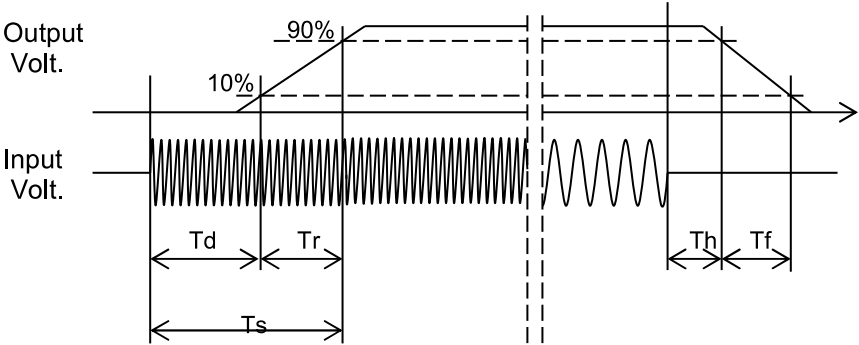
Model	PJMA600F-36		
Item	Rise and Fall Time	Temperature	25°C
Object	+36V16.7A	Testing Circuitry	Figure A

1.Graph

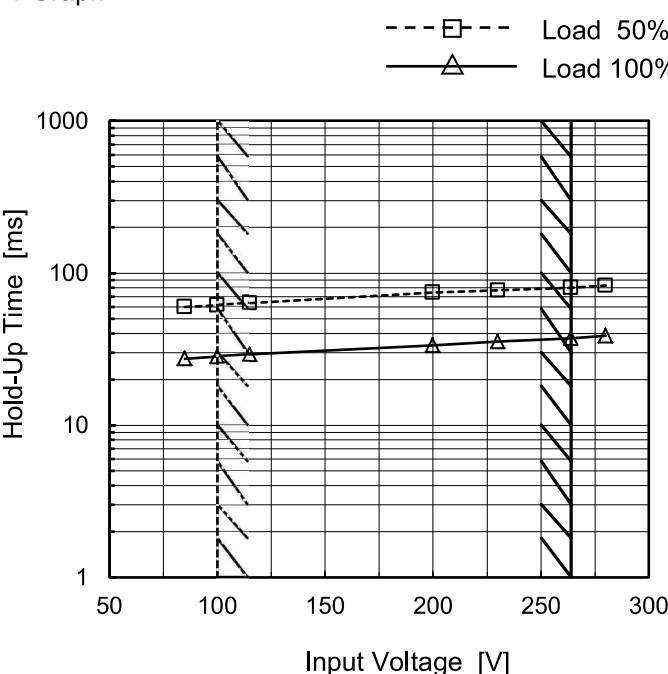


2.Values

		[ms]				
Input Volt.	Time	Td	Tr	Ts	Th	Tf
100 V		159.5	72.5	232.0	29.3	33.3
230 V		130.5	72.0	202.5	36.6	33.5



COSEL

Model		PJMA600F-36	Temperature25°C Testing CircuitryFigure A																																
Item		Hold-Up Time																																	
Object		+36V16.7A																																	
1.Graph		<div><div><div>---</div><div>□</div><div>---</div><div>Load 50%</div></div><div><div>—</div><div>△</div><div>—</div><div>Load 100%</div></div></div>  <p>This duration covers from Shut-off of input voltage to the moment when output voltage descends to the rated range of voltage accuracy. Note: Slanted line shows the range of the rated input voltage.</p>	2.Values <table><tr><th rowspan="2">Input Voltage [V]</th><th colspan="2">Hold-Up Time [ms]</th></tr><tr><th>Load 50%</th><th>Load 100%</th></tr><tr><td>85</td><td>60</td><td>27</td></tr><tr><td>100</td><td>62</td><td>28</td></tr><tr><td>115</td><td>63</td><td>29</td></tr><tr><td>200</td><td>75</td><td>33</td></tr><tr><td>230</td><td>77</td><td>35</td></tr><tr><td>264</td><td>80</td><td>37</td></tr><tr><td>280</td><td>83</td><td>39</td></tr><tr><td>--</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td></tr></table>	Input Voltage [V]	Hold-Up Time [ms]		Load 50%	Load 100%	85	60	27	100	62	28	115	63	29	200	75	33	230	77	35	264	80	37	280	83	39	--	-	-	--	-	-
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COSEL

Model		PJMA600F-36	Temperature		25°C																																																			
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Object		+36V16.7A																																																						
1.Graph			2.Values																																																					
<div><div><div>—△— Input Volt. 100V</div><div>---□--- Input Volt. 115V</div><div>---⊖--- Input Volt. 230V</div></div><div><p>Instantaneous Compensation Time [ms]</p><p>Load Current [A]</p></div><div>Note: Slanted line shows the range of the rated load current.</div></div>			<table><tr><th rowspan="2">Load Current [A]</th><th colspan="3">Time [ms]</th></tr><tr><th>Input Volt. 100[V]</th><th>Input Volt. 115[V]</th><th>Input Volt. 230[V]</th></tr><tr><td>0.00</td><td>-</td><td>-</td><td>-</td></tr><tr><td>3.00</td><td>173</td><td>178</td><td>195</td></tr><tr><td>6.00</td><td>89</td><td>90</td><td>107</td></tr><tr><td>9.00</td><td>60</td><td>62</td><td>73</td></tr><tr><td>12.00</td><td>45</td><td>46</td><td>56</td></tr><tr><td>15.00</td><td>36</td><td>37</td><td>42</td></tr><tr><td>16.70</td><td>29</td><td>29</td><td>42</td></tr><tr><td>18.37</td><td>28</td><td>26</td><td>38</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr></table>			Load Current [A]	Time [ms]			Input Volt. 100[V]	Input Volt. 115[V]	Input Volt. 230[V]	0.00	-	-	-	3.00	173	178	195	6.00	89	90	107	9.00	60	62	73	12.00	45	46	56	15.00	36	37	42	16.70	29	29	42	18.37	28	26	38	--	-	-	-	--	-	-	-	--	-	-	-
Load Current [A]	Time [ms]																																																							
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COSEL

Model

PJMA600F-36

Item

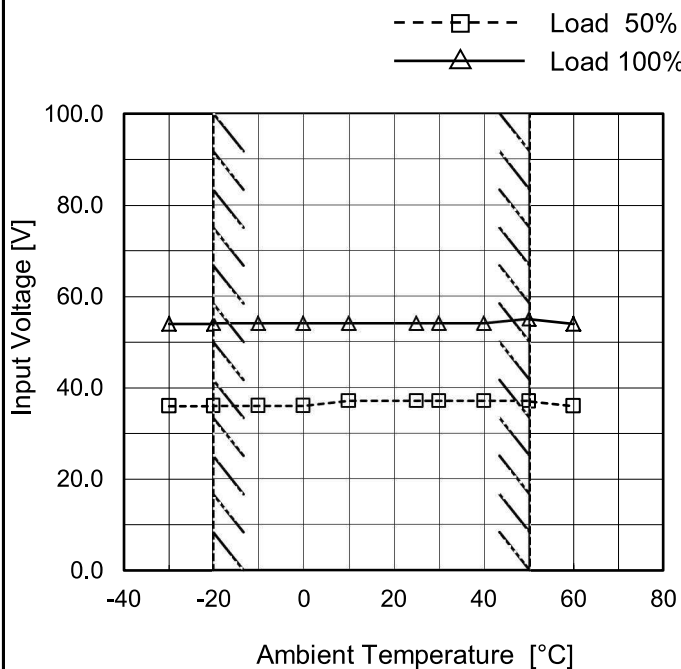
Minimum Input Voltage
for Regulated Output Voltage

Object

+36V16.7A

Testing Circuitry Figure A

1.Graph



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

2.Values

Ambient Temperature [°C]	Input Voltage [V]	
	Load 50%	Load 100%
-30	36.0	54.0
-20	36.0	54.0
-10	36.0	54.0
0	36.0	54.0
10	37.0	54.0
25	37.0	54.0
30	37.0	54.0
40	37.0	54.0
50	37.0	55.0
60	36.0	54.0
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COSEL

Model		PJMA600F-36	Temperature		25°C																																																											
Item		Overcurrent Protection	Testing Circuitry		Figure A																																																											
Object		+36V16.7A																																																														
1.Graph			2.Values																																																													
<div><div><div></div><div>Input Volt. 100V</div></div><div><div></div><div>Input Volt. 115V</div></div><div><div></div><div>Input Volt. 230V</div></div></div> <p>Output Voltage [V]</p> <p>Load Current [A]</p> <p>Note: Slanted line shows the range of the rated load current.</p>			<table><tr><th rowspan="2">Output Voltage [V]</th><th colspan="3">Load Current [A]</th></tr><tr><th>Input Volt. 100[V]</th><th>Input Volt. 115[V]</th><th>Input Volt. 230[V]</th></tr><tr><td>34.2</td><td>21.00</td><td>20.97</td><td>21.03</td></tr><tr><td>32.4</td><td>20.89</td><td>20.85</td><td>20.89</td></tr><tr><td>28.8</td><td>21.42</td><td>21.39</td><td>21.48</td></tr><tr><td>25.2</td><td>21.69</td><td>21.66</td><td>21.73</td></tr><tr><td>21.6</td><td>21.88</td><td>21.84</td><td>21.90</td></tr><tr><td>18.0</td><td>22.06</td><td>22.03</td><td>22.13</td></tr><tr><td>14.4</td><td>22.30</td><td>22.28</td><td>22.40</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr></table>			Output Voltage [V]	Load Current [A]			Input Volt. 100[V]	Input Volt. 115[V]	Input Volt. 230[V]	34.2	21.00	20.97	21.03	32.4	20.89	20.85	20.89	28.8	21.42	21.39	21.48	25.2	21.69	21.66	21.73	21.6	21.88	21.84	21.90	18.0	22.06	22.03	22.13	14.4	22.30	22.28	22.40	--	-	-	-	--	-	-	-	--	-	-	-	--	-	-	-	--	-	-	-	--	-	-	-
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COSEL

Model

PJMA600F-36

Item

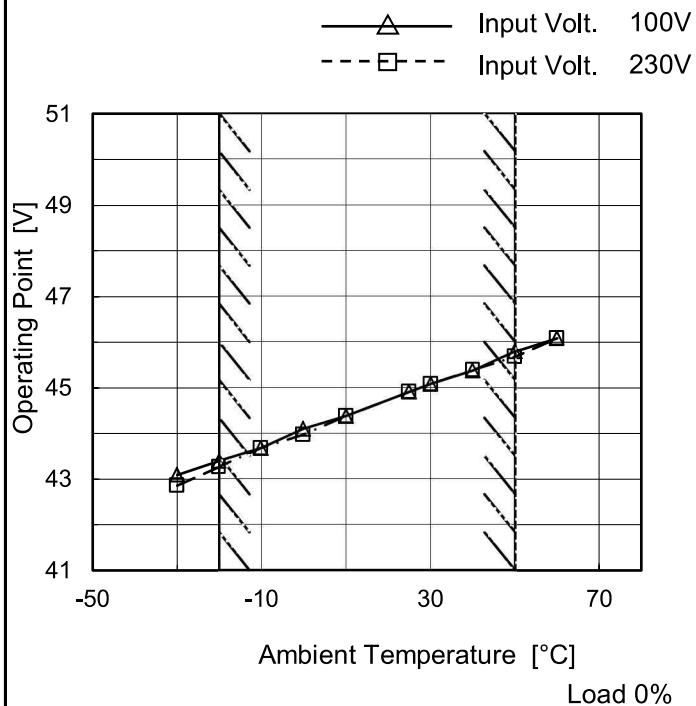
Overvoltage Protection

Object

+36V16.7A

Testing Circuitry Figure A

1.Graph



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

2.Values

Ambient Temperature [°C]	Operating Point [V]	
	Input Volt. 100[V]	Input Volt. 230[V]
-30	43.09	42.86
-20	43.39	43.27
-10	43.68	43.68
0	44.09	43.97
10	44.38	44.38
25	44.90	44.90
30	45.08	45.08
40	45.37	45.38
50	45.79	45.67
60	46.08	46.08
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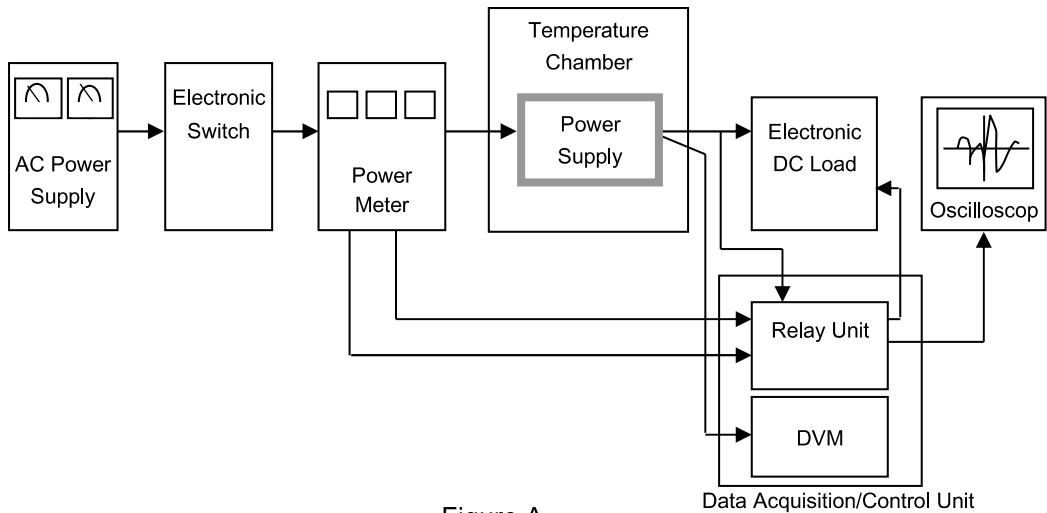


Figure A

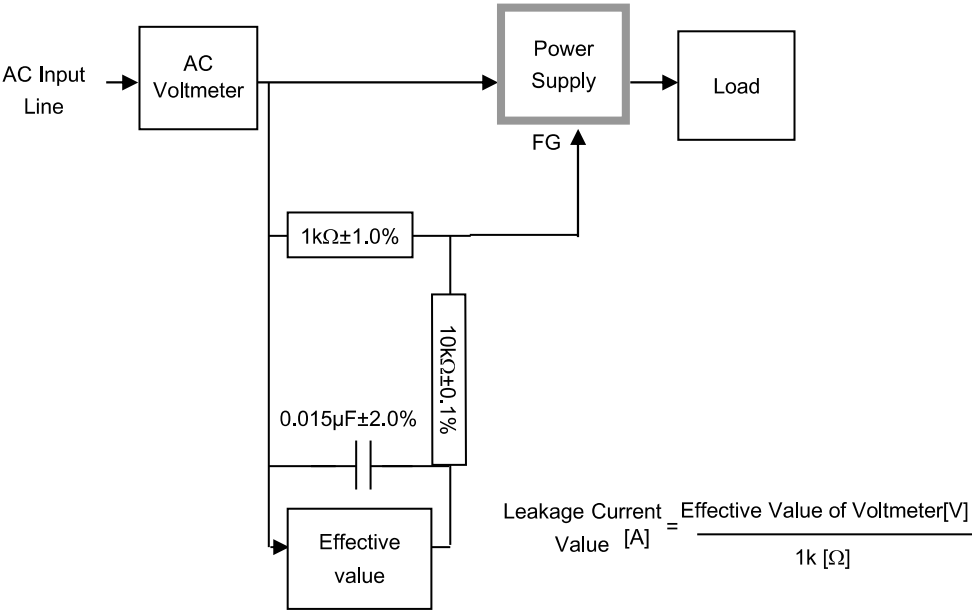


Figure B (IEC60601-1)

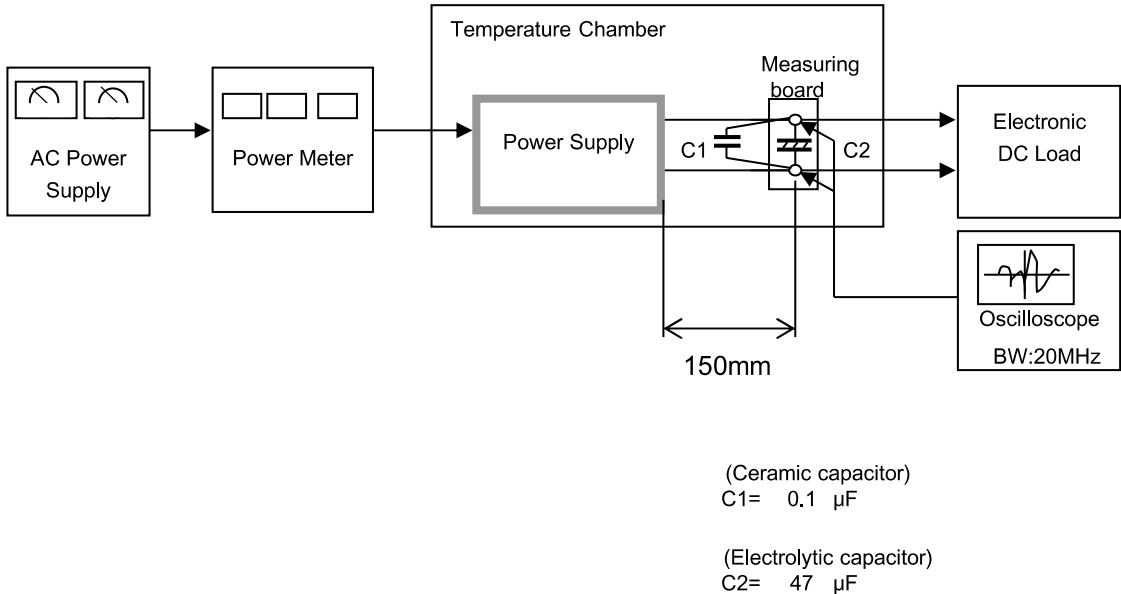


Figure C