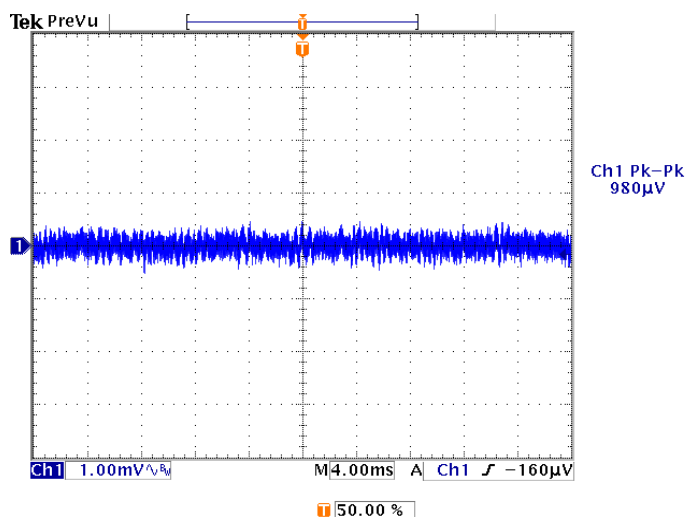


Output Ripple and Noise Waveform

Ta : 25°C



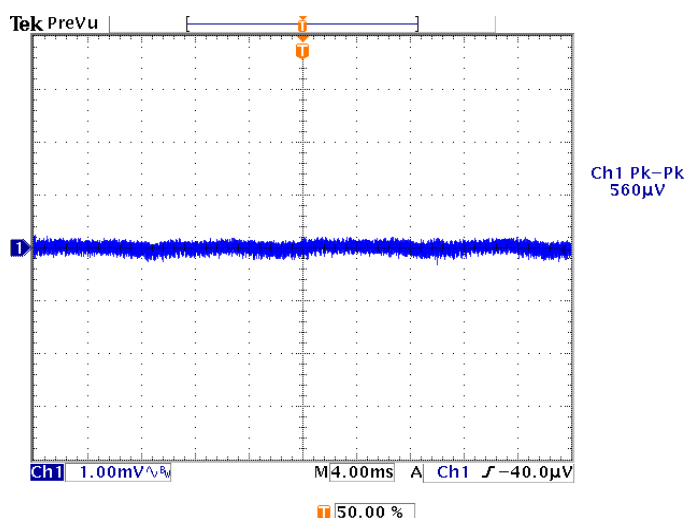
Input Voltage : 100 VAC
Output Current : 100 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 0.98 mV



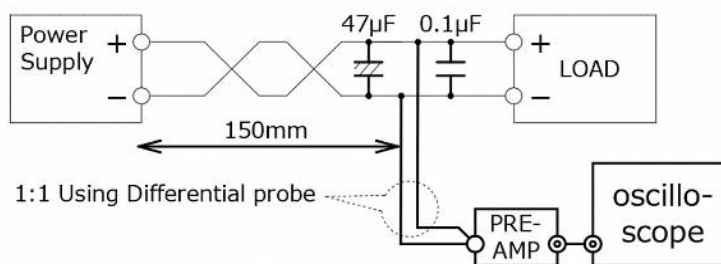
Input Voltage : 100 VAC
Output Current : 0 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

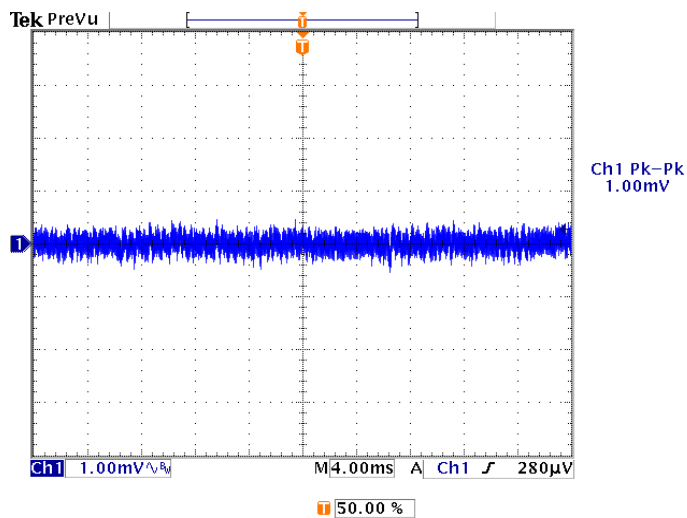
Vp-p : 0.56 mV



Ripple measurement method

Output Ripple and Noise Waveform

Ta : 25°C



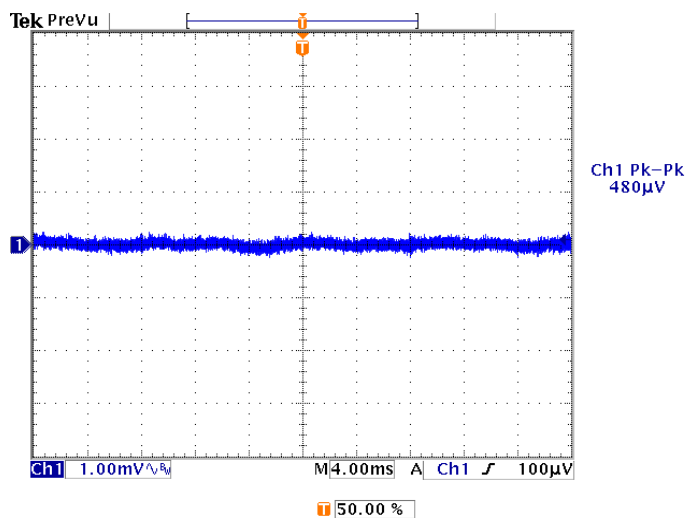
Input Voltage : 200 VAC
Output Current : 100 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 1.00 mV



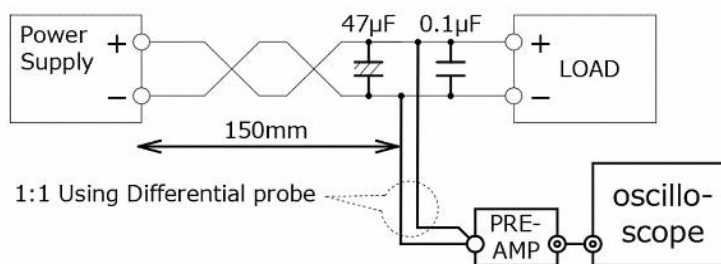
Input Voltage : 200 VAC
Output Current : 0 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

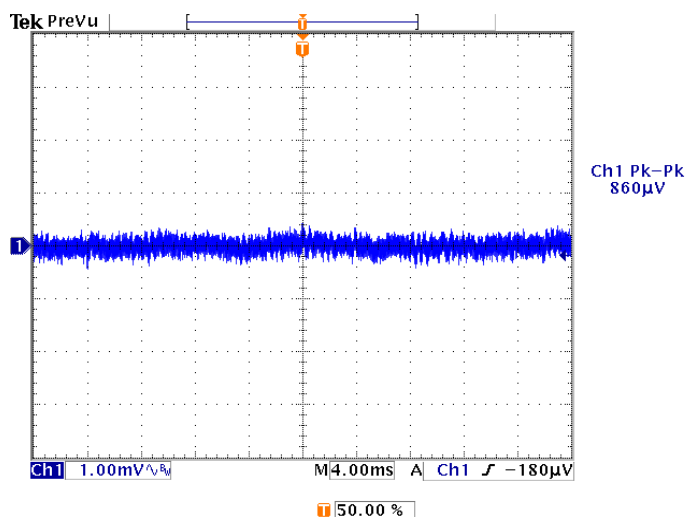
Vp-p : 0.48 mV



Ripple measurement method

Output Ripple and Noise Waveform

Ta : 25°C



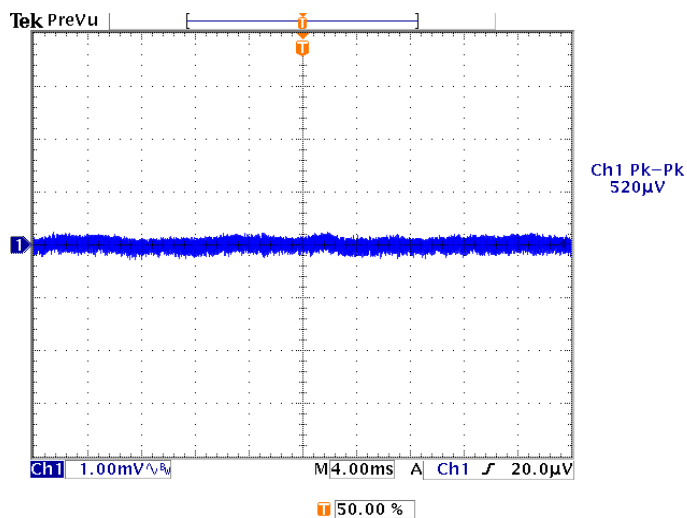
Input Voltage : 100 VAC
Output Current : 100 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 0.86 mV



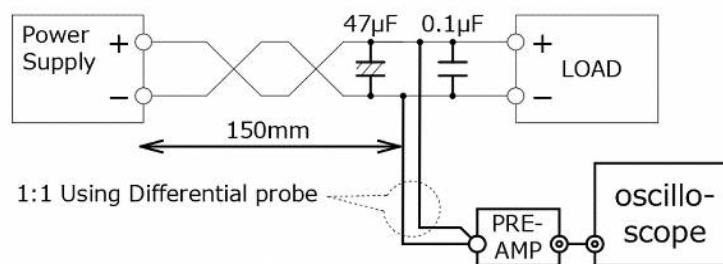
Input Voltage : 100 VAC
Output Current : 0 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

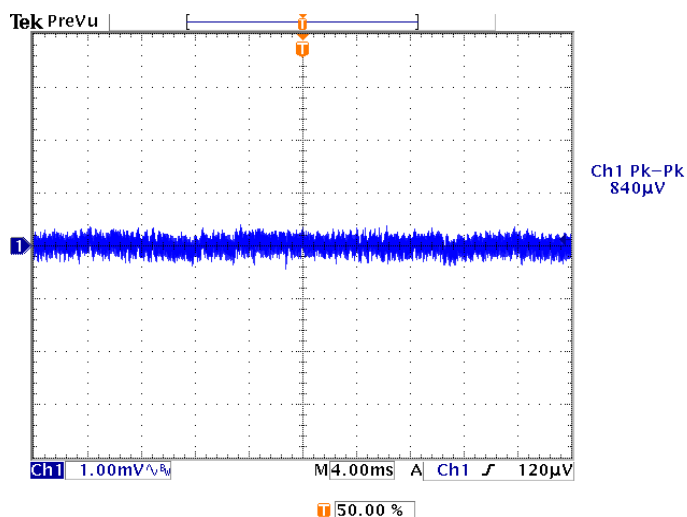
Vp-p : 0.52 mV



Ripple measurement method

Output Ripple and Noise Waveform

Ta : 25°C



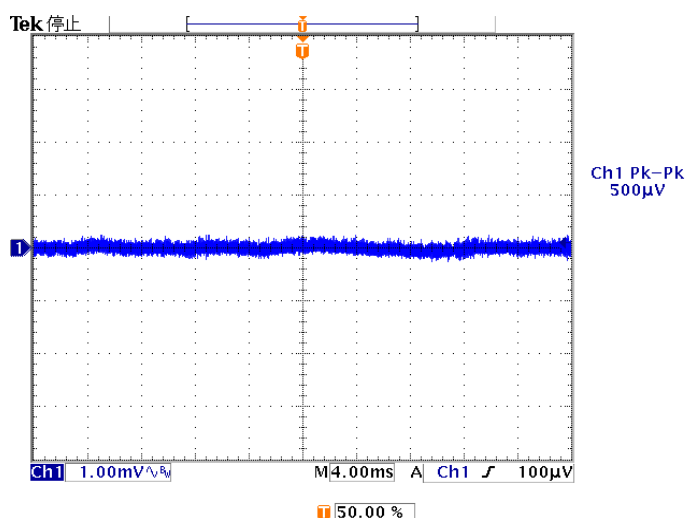
Input Voltage : 200 VAC
Output Current : 100 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 0.84 mV



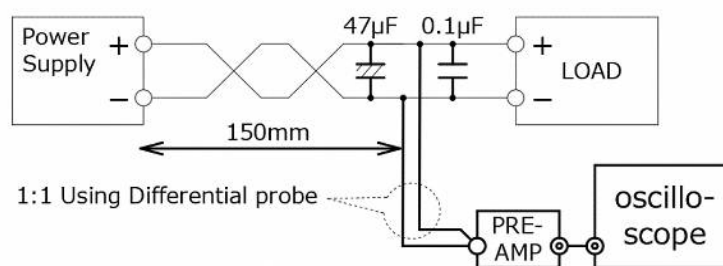
Input Voltage : 200 VAC
Output Current : 0 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

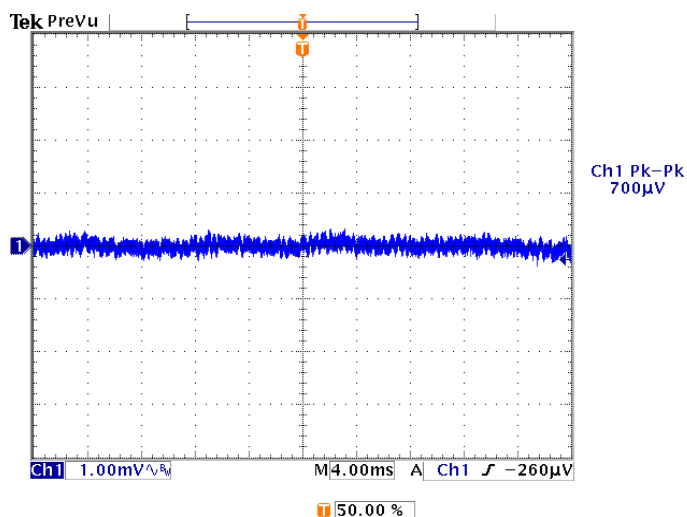
Vp-p : 0.50 mV



Ripple measurement method

Output Ripple and Noise Waveform

Ta : 25°C



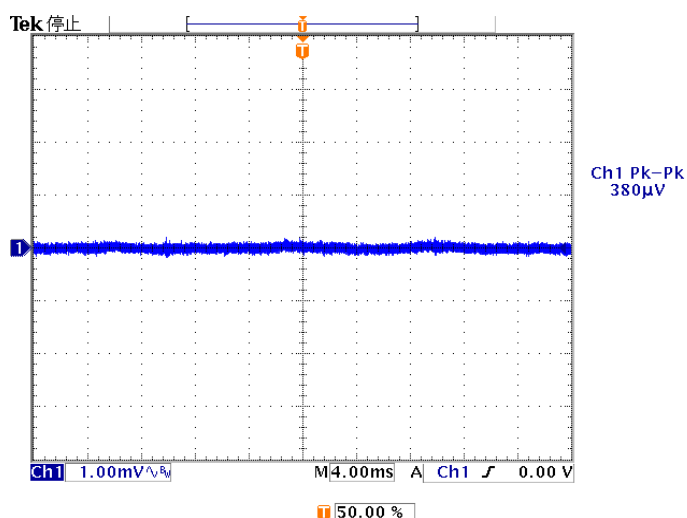
Input Voltage : 100 VAC
Output Current : 100 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 0.70 mV



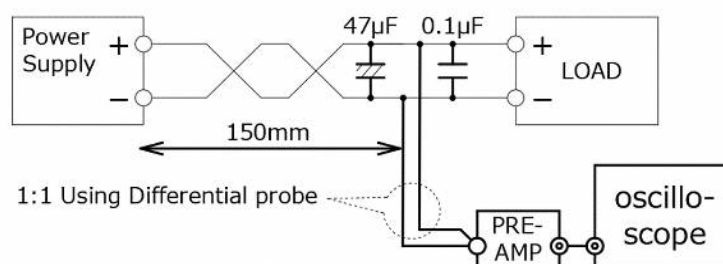
Input Voltage : 100 VAC
Output Current : 0 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

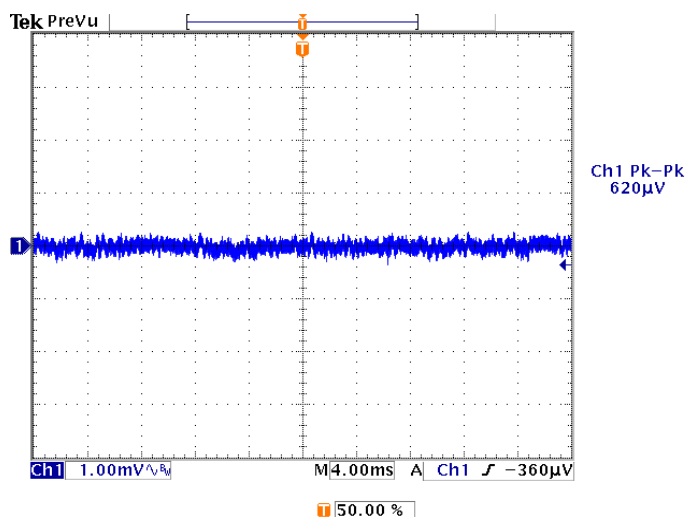
Vp-p : 0.38 mV



Ripple measurement method

Output Ripple and Noise Waveform

Ta : 25°C



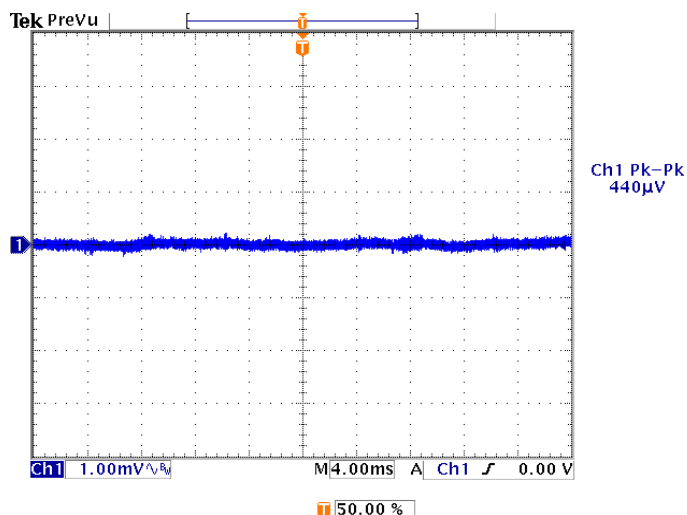
Input Voltage : 200 VAC
Output Current : 100 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 0.62 mV



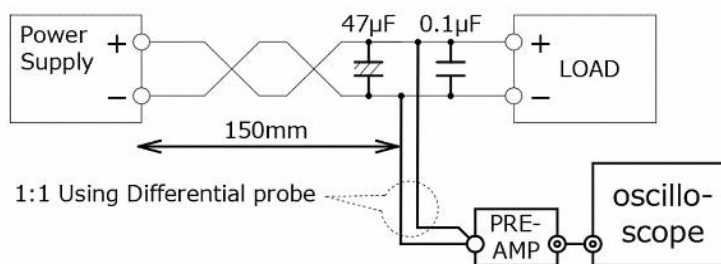
Input Voltage : 200 VAC
Output Current : 0 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

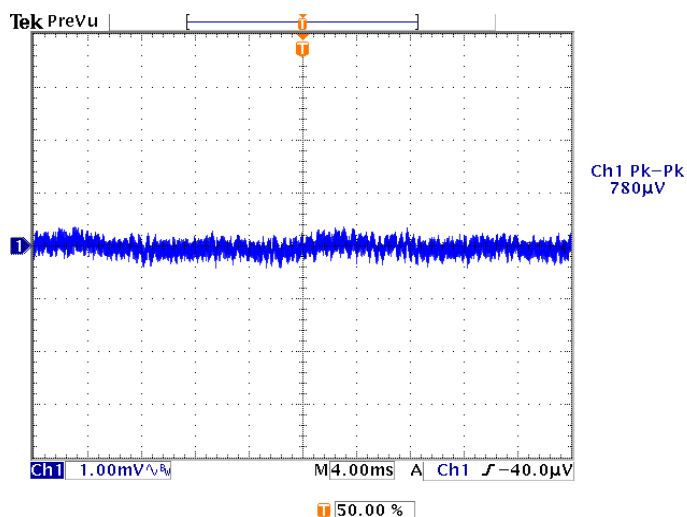
Vp-p : 0.44 mV



Ripple measurement method

Output Ripple and Noise Waveform

Ta : 25°C



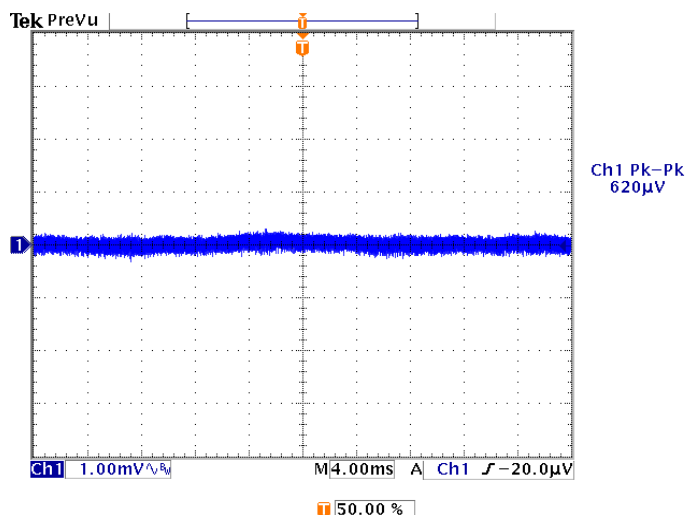
Input Voltage : 100 VAC
Output Current : 100 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 0.78 mV



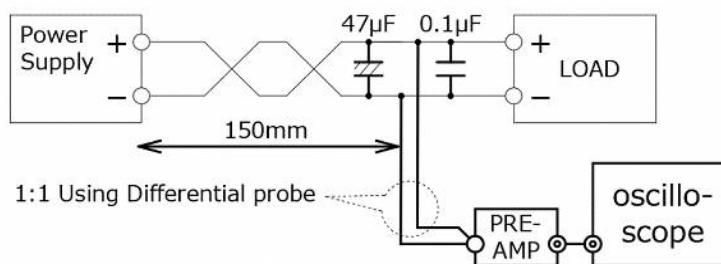
Input Voltage : 100 VAC
Output Current : 0 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

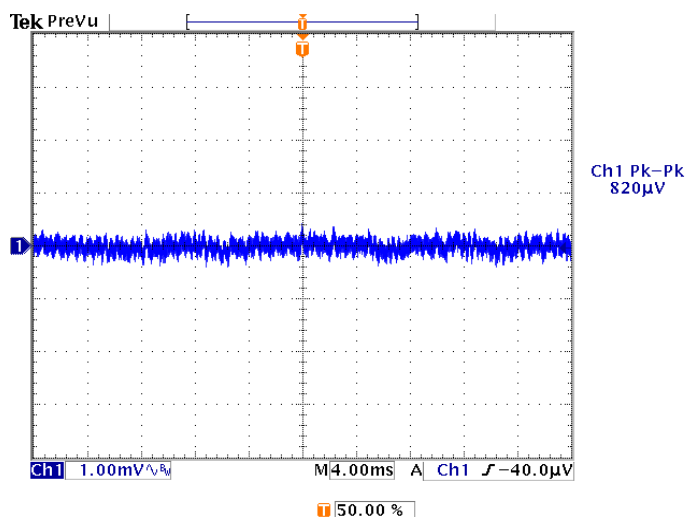
Vp-p : 0.62 mV



Ripple measurement method

Output Ripple and Noise Waveform

Ta : 25°C



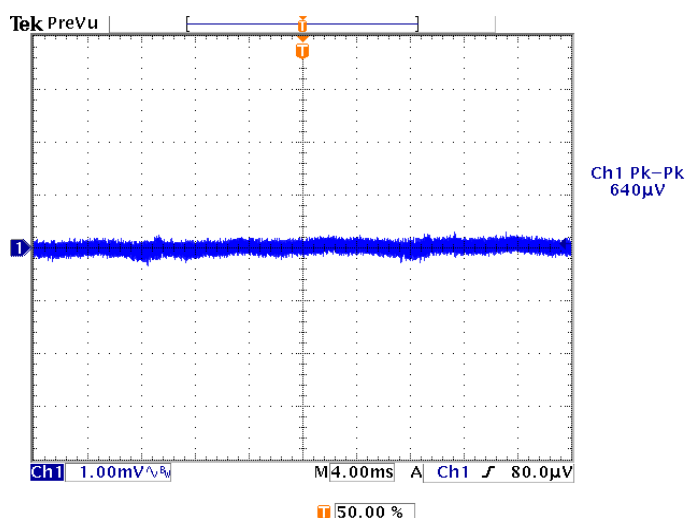
Input Voltage : 200 VAC
Output Current : 100 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 0.82 mV



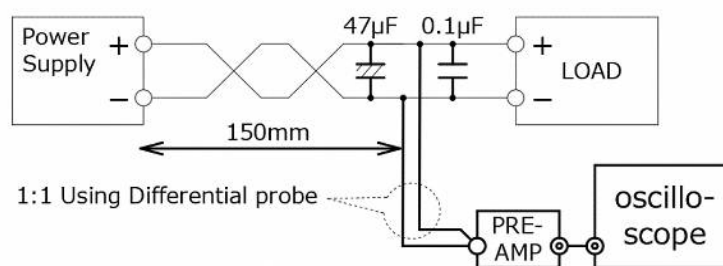
Input Voltage : 200 VAC
Output Current : 0 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

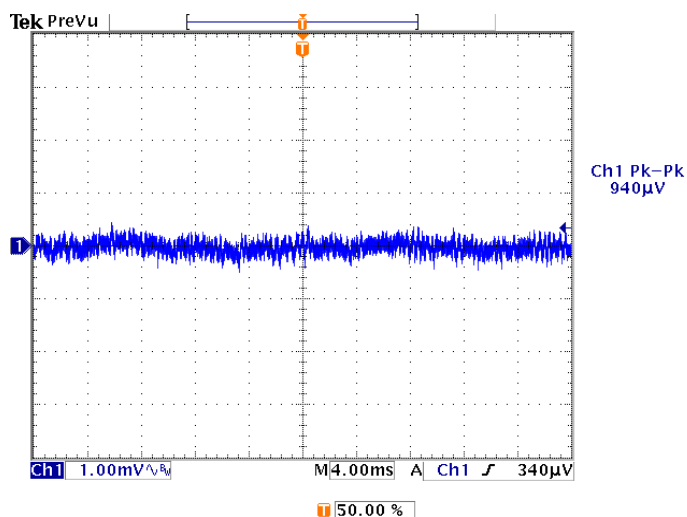
Vp-p : 0.64 mV



Ripple measurement method

Output Ripple and Noise Waveform

Ta : 25°C



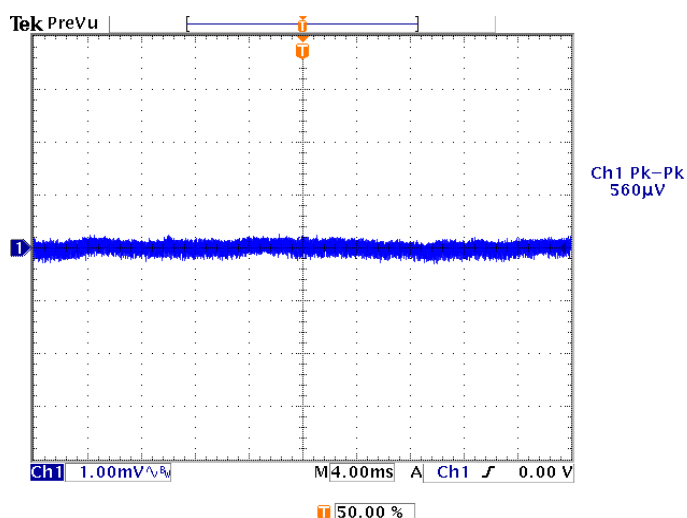
Input Voltage : 100 VAC
Output Current : 100 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 0.94 mV



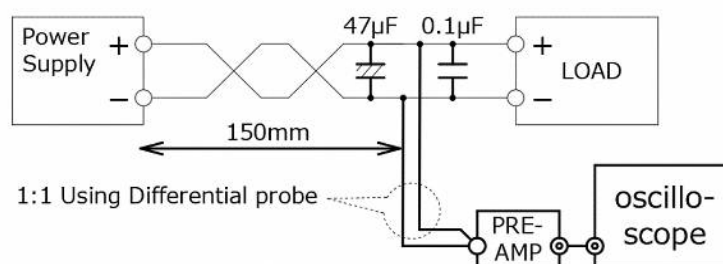
Input Voltage : 100 VAC
Output Current : 0 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

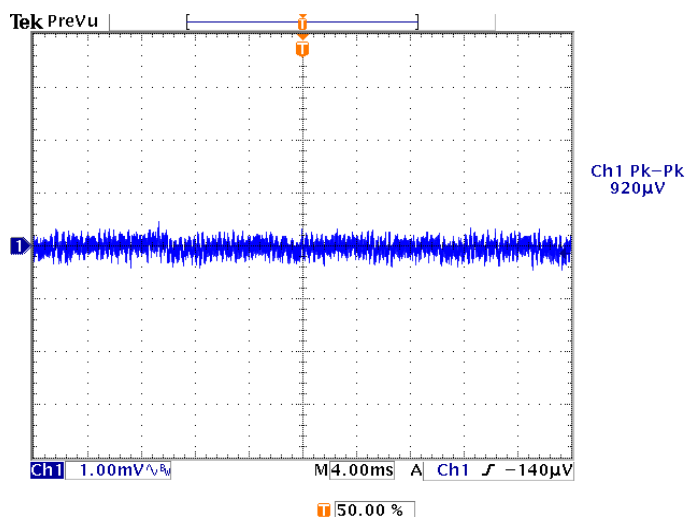
Vp-p : 0.56 mV



Ripple measurement method

Output Ripple and Noise Waveform

Ta : 25°C



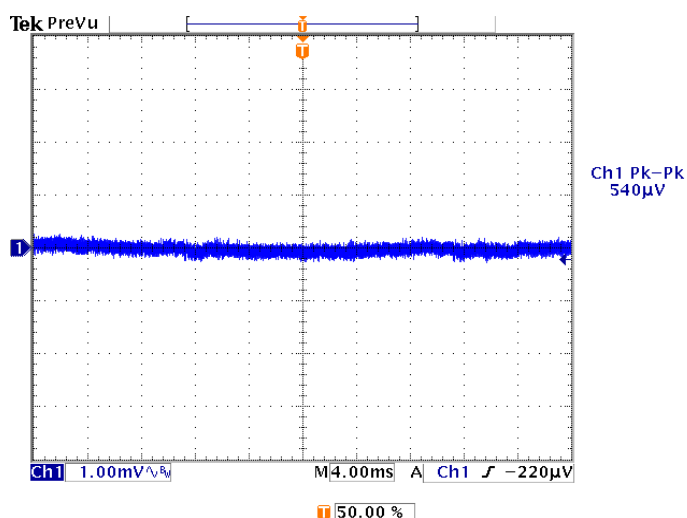
Input Voltage : 200 VAC
Output Current : 100 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 0.92 mV



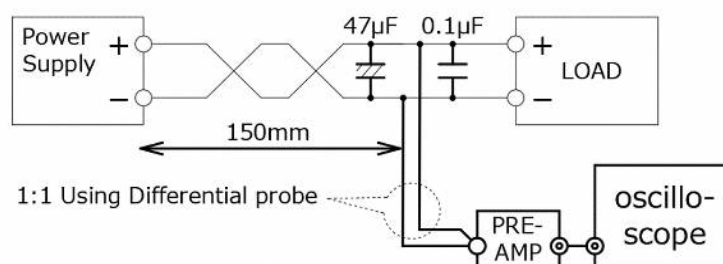
Input Voltage : 200 VAC
Output Current : 0 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

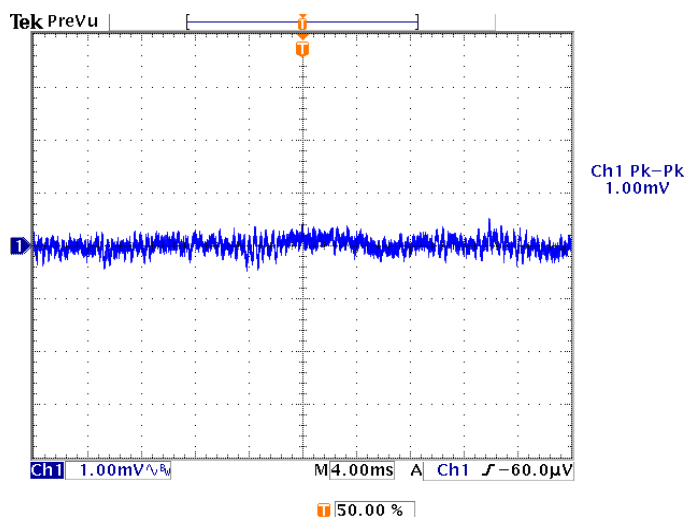
Vp-p : 0.54 mV



Ripple measurement method

Output Ripple and Noise Waveform

Ta : 25°C



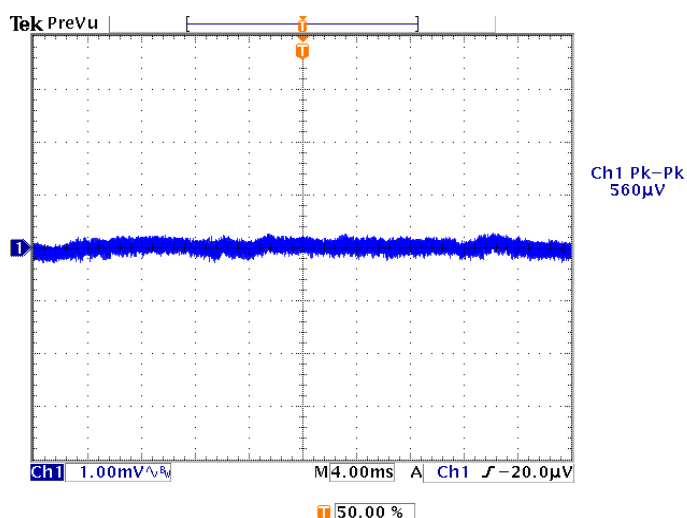
Input Voltage : 100 VAC
Output Current : 100 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 1.00 mV



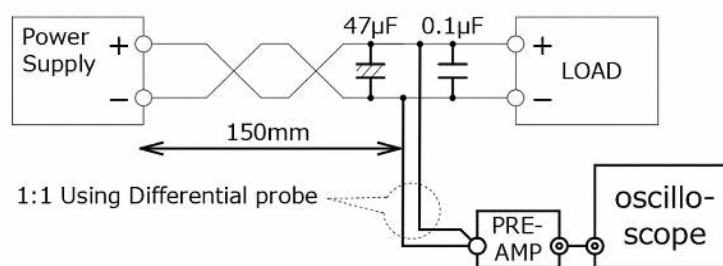
Input Voltage : 100 VAC
Output Current : 0 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

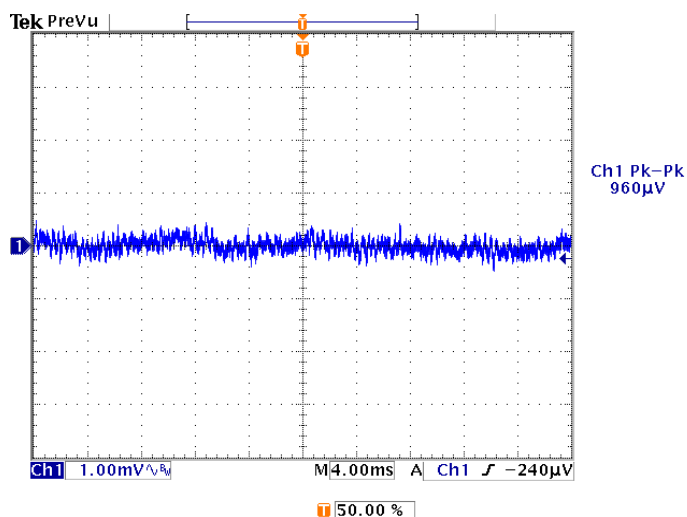
Vp-p : 0.56 mV



Ripple measurement method

Output Ripple and Noise Waveform

Ta : 25°C



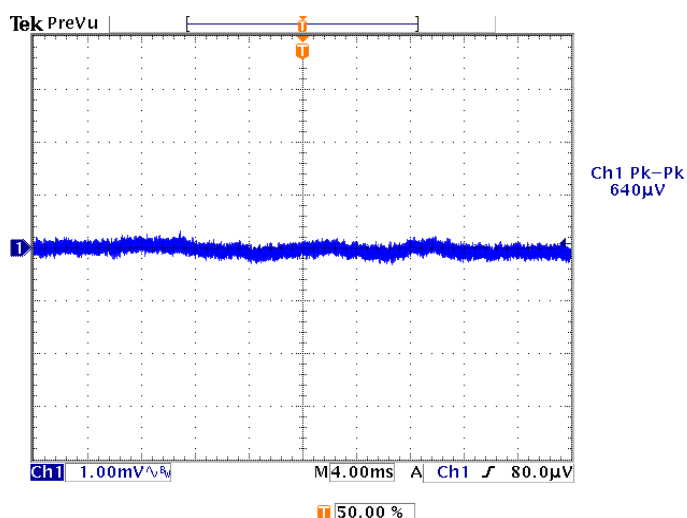
Input Voltage : 200 VAC
Output Current : 100 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 0.96 mV



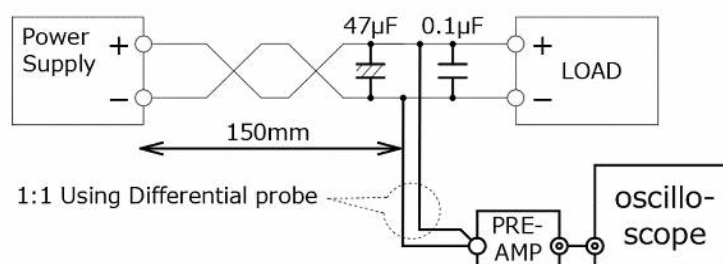
Input Voltage : 200 VAC
Output Current : 0 %

Vout : 1 mVAC/DIV

TIME : 4 ms/DIV

BW : 3 MHz

Vp-p : 0.64 mV

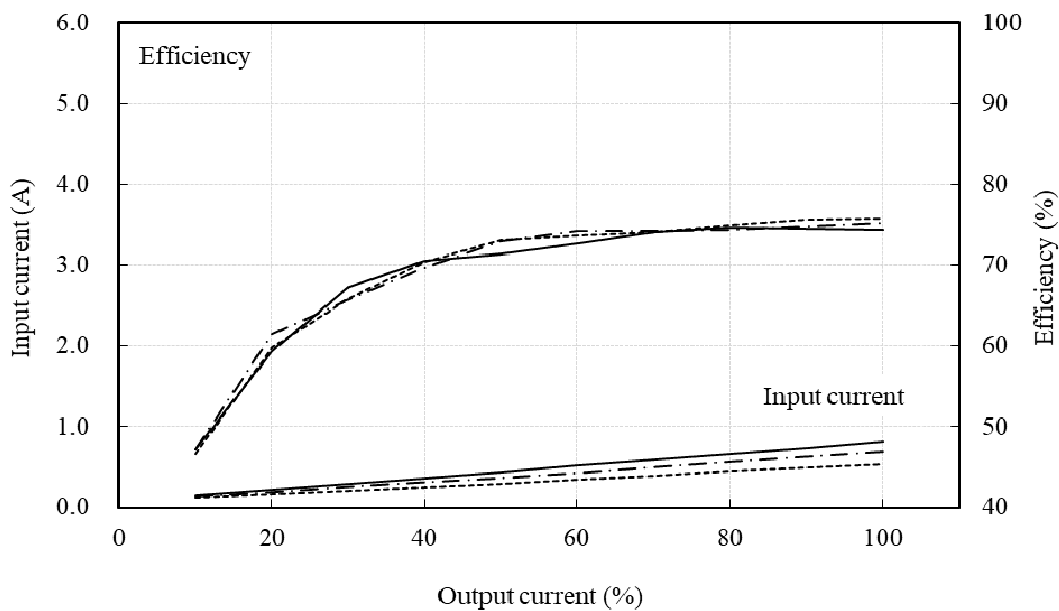


Ripple measurement method

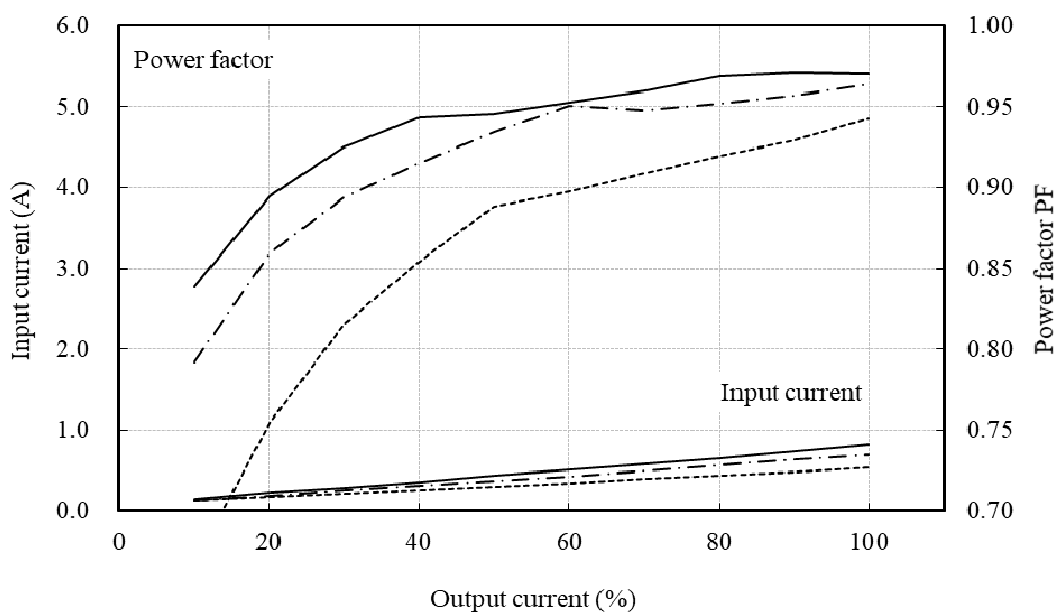
η and PF , input current v.s. output current

25°C

conditions Vin : 85VAC ———
: 100VAC - - - - -
: 132VAC - - - - -



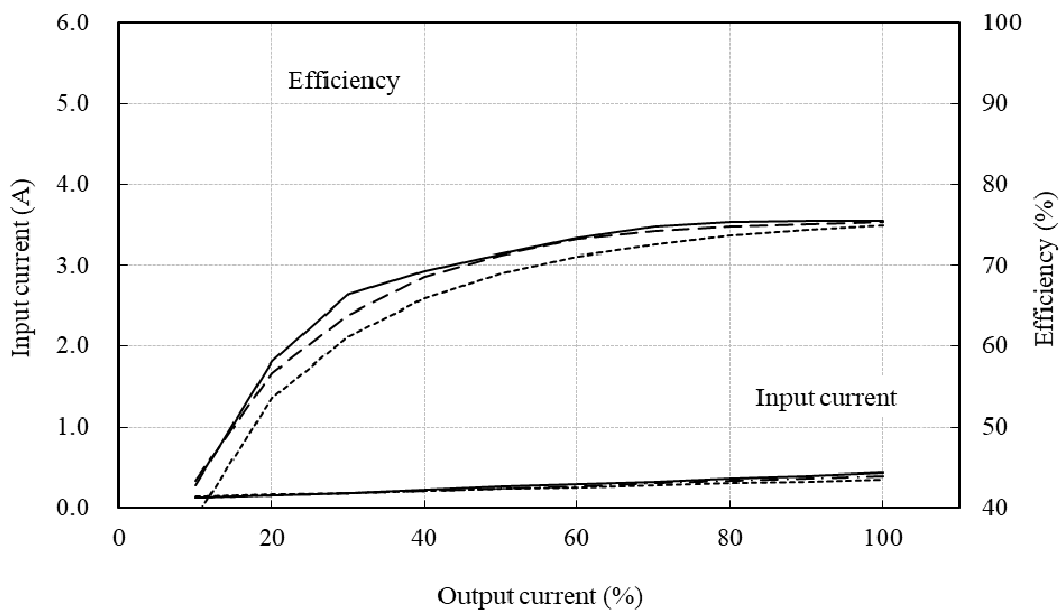
conditions Vin : 85VAC ———
: 100VAC - - - - -
: 132VAC - - - - -



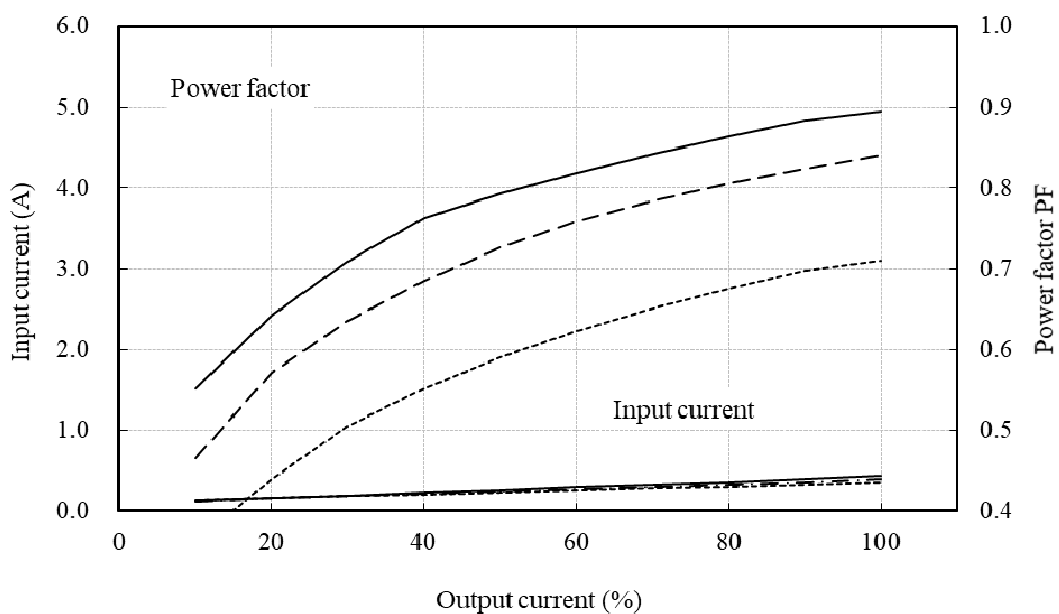
η and PF , input current v.s. output current

25°C

conditions Vin : 170VAC ———
: 200VAC - - - - -
: 264VAC - · - · -



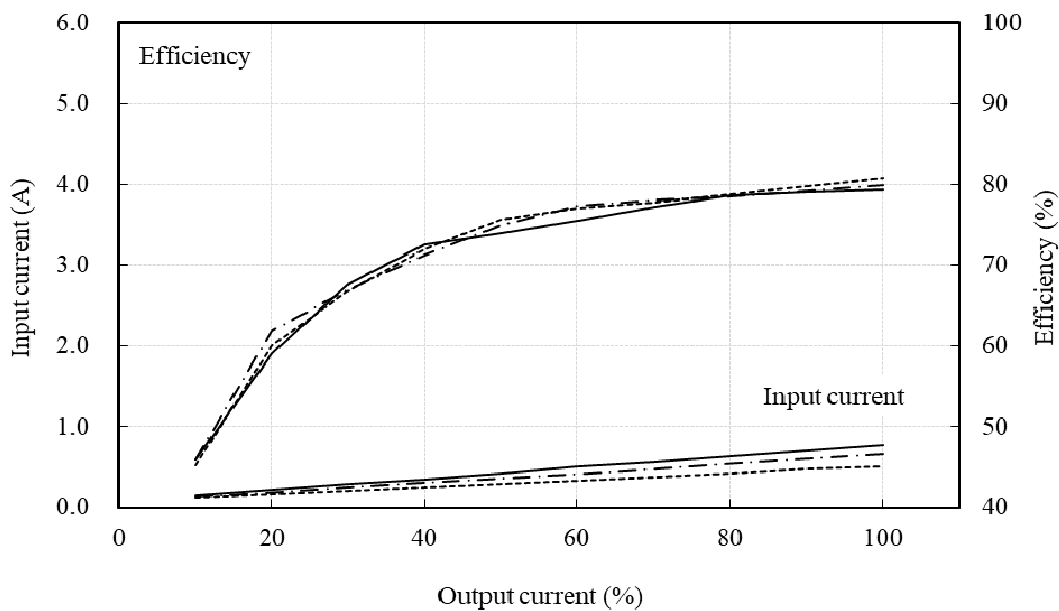
conditions Vin : 170VAC ———
: 200VAC - - - - -
: 264VAC - · - · -



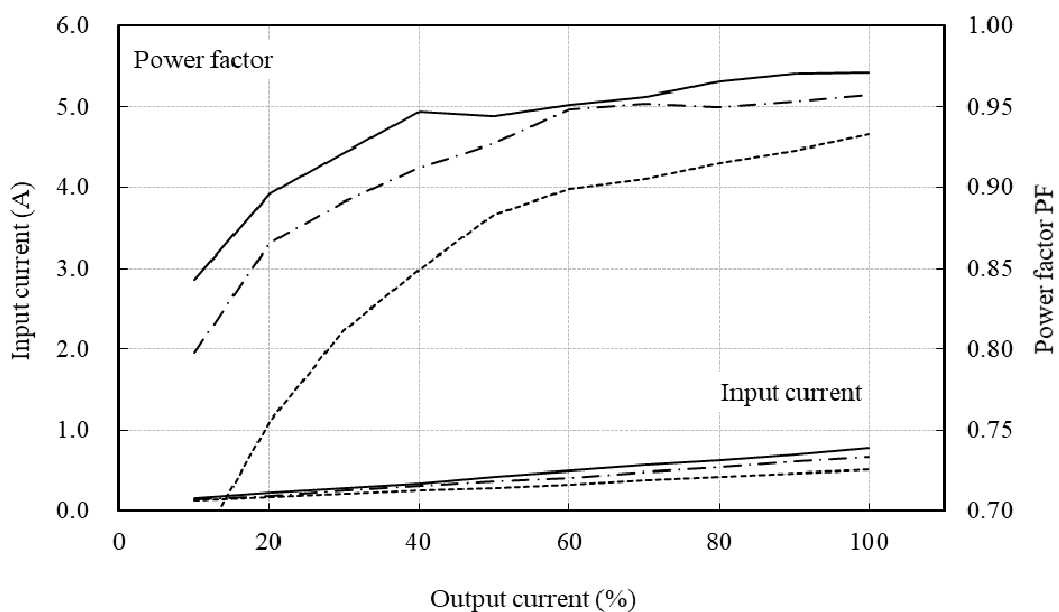
η and PF , input current v.s. output current

25°C

conditions V_{in} : 85VAC ———
: 100VAC - - - - -
: 132VAC - - - - -



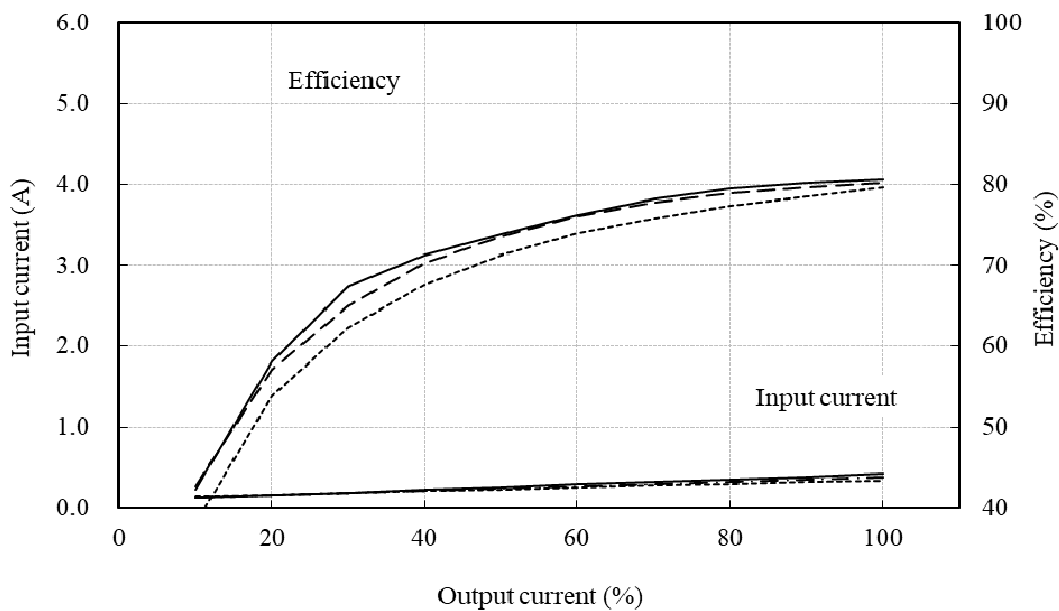
conditions V_{in} : 85VAC ———
: 100VAC - - - - -
: 132VAC - - - - -



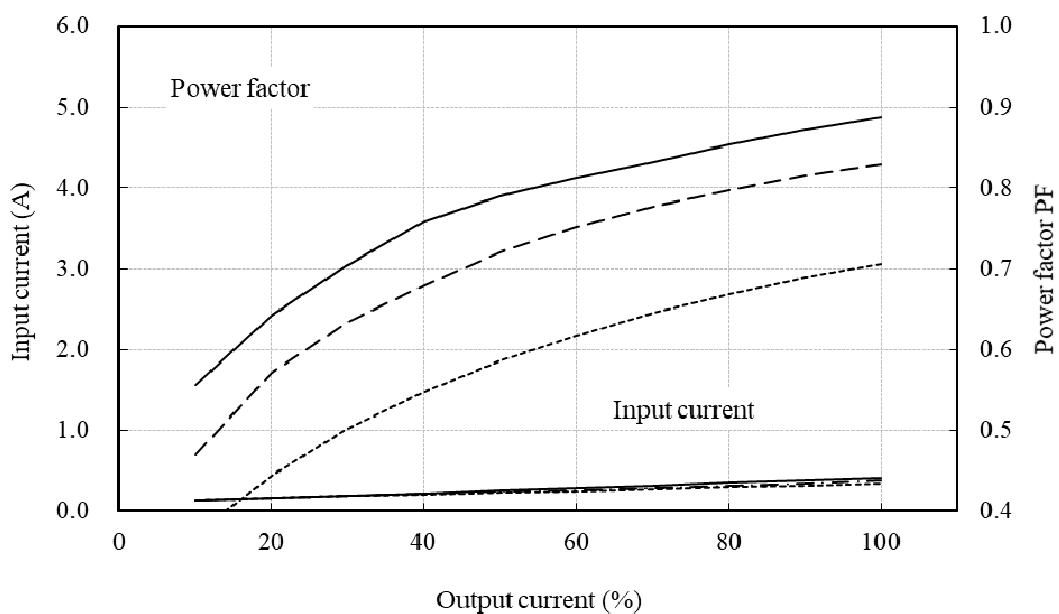
η and PF , input current v.s. output current

25°C

conditions Vin : 170VAC ———
: 200VAC - - - - -
: 264VAC - · - · - ·



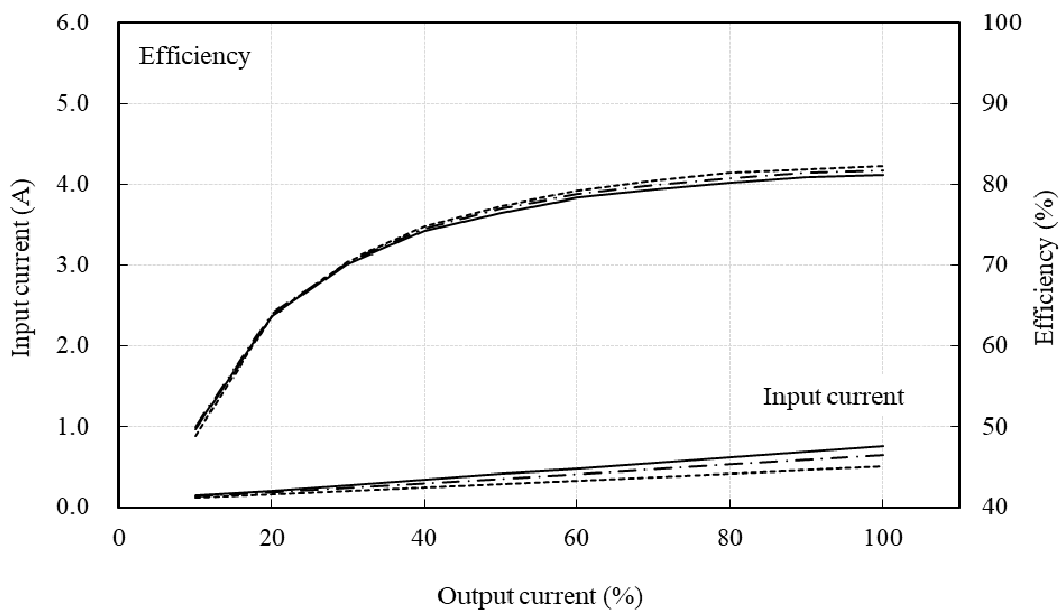
conditions Vin : 170VAC ———
: 200VAC - - - - -
: 264VAC - · - · - ·



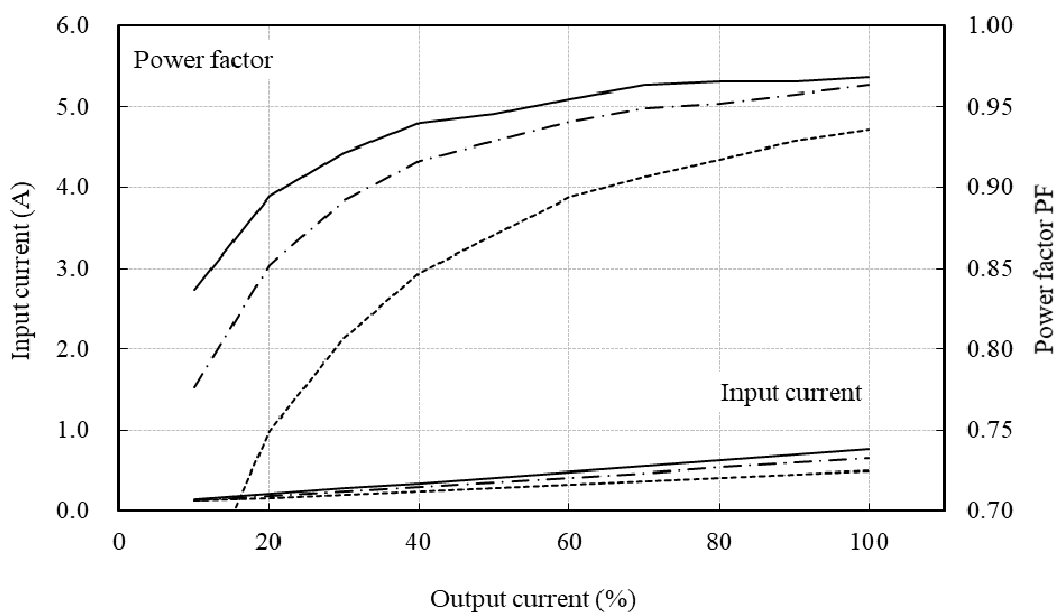
η and PF , input current v.s. output current

25°C

conditions V_{in} : 85VAC ———
: 100VAC - - - - -
: 132VAC - - - - -



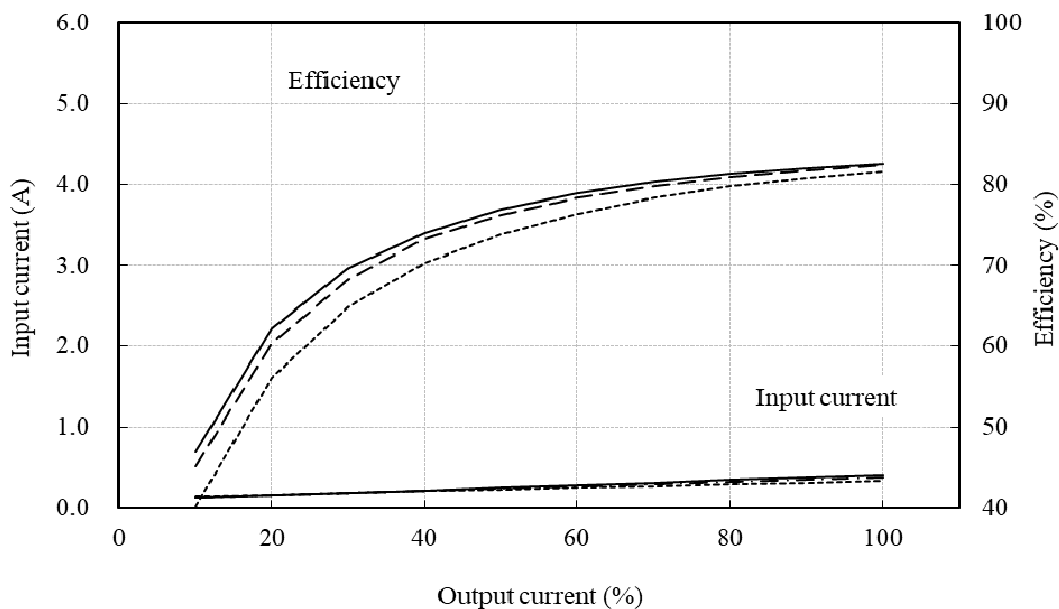
conditions V_{in} : 85VAC ———
: 100VAC - - - - -
: 132VAC - - - - -



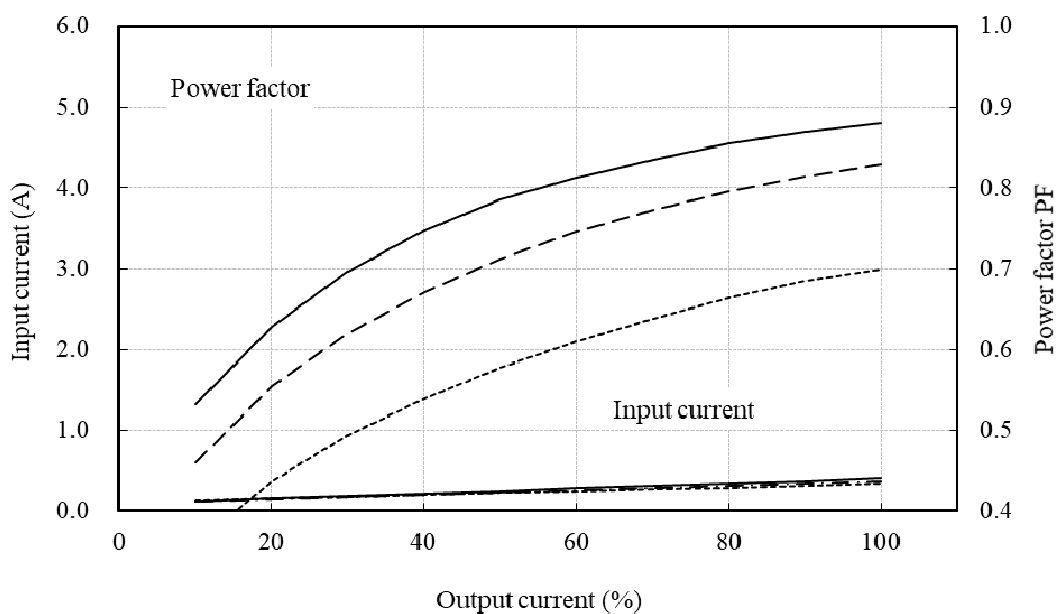
η and PF , input current v.s. output current

25°C

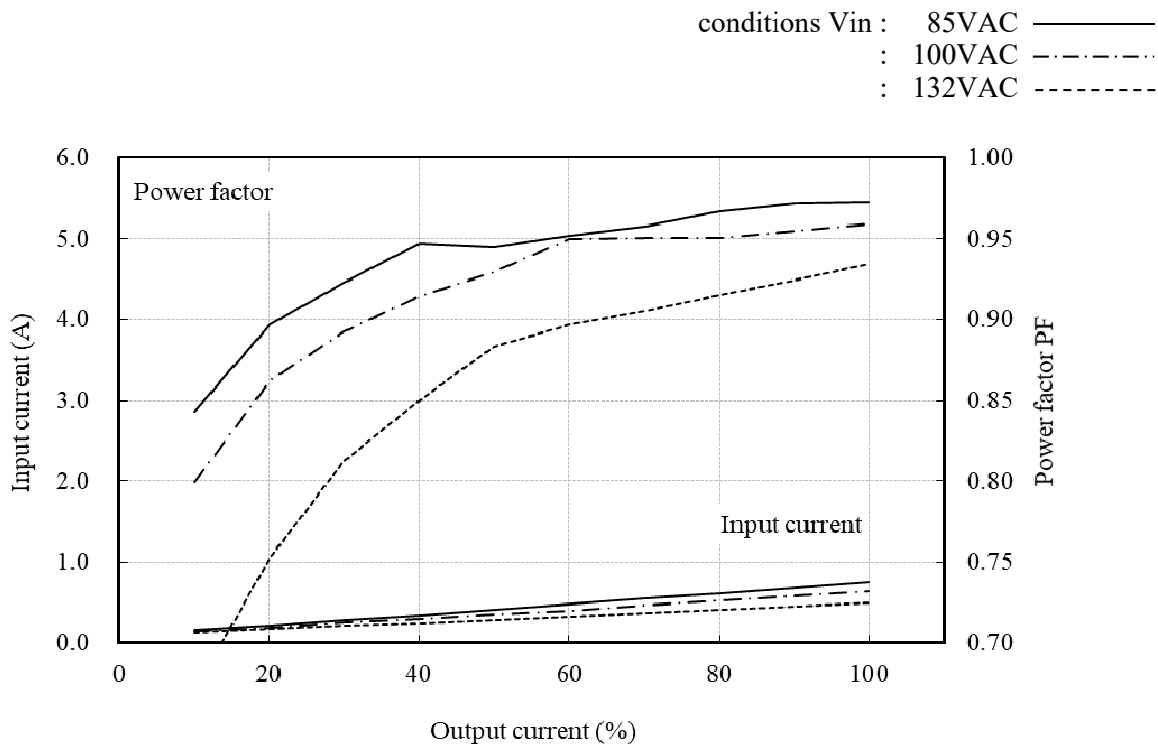
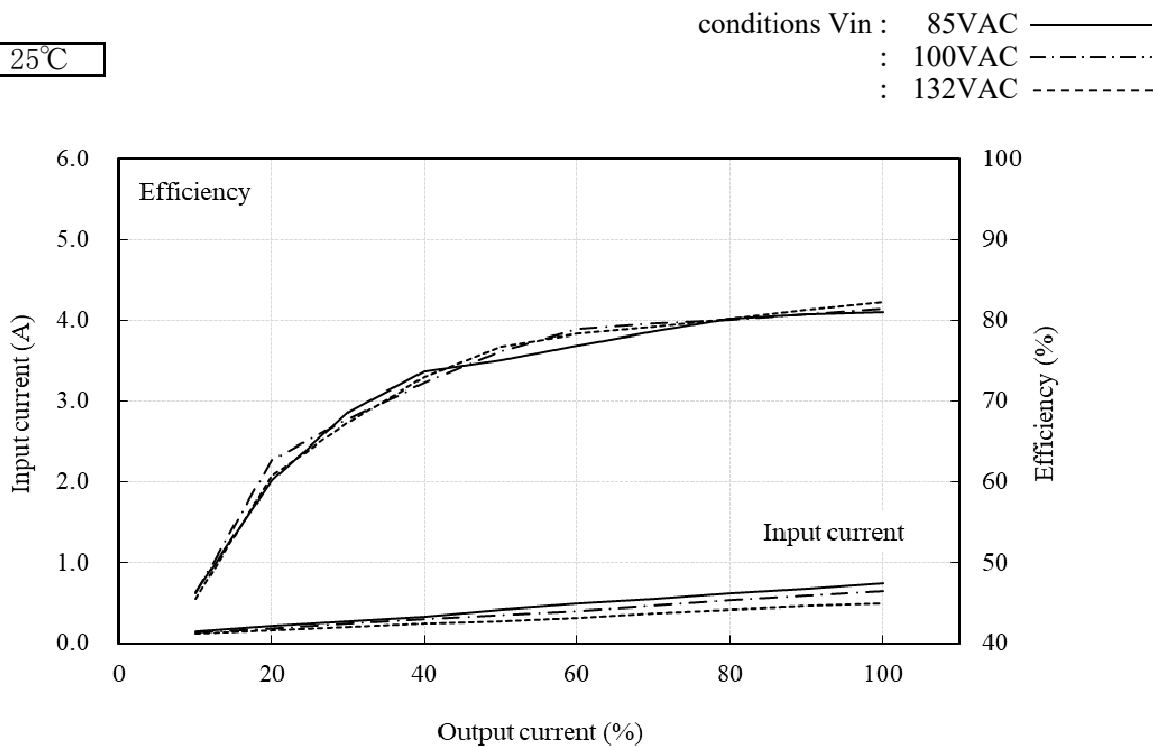
conditions Vin : 170VAC ———
: 200VAC - - - - -
: 264VAC - - - - -



conditions Vin : 170VAC ———
: 200VAC - - - - -
: 264VAC - - - - -



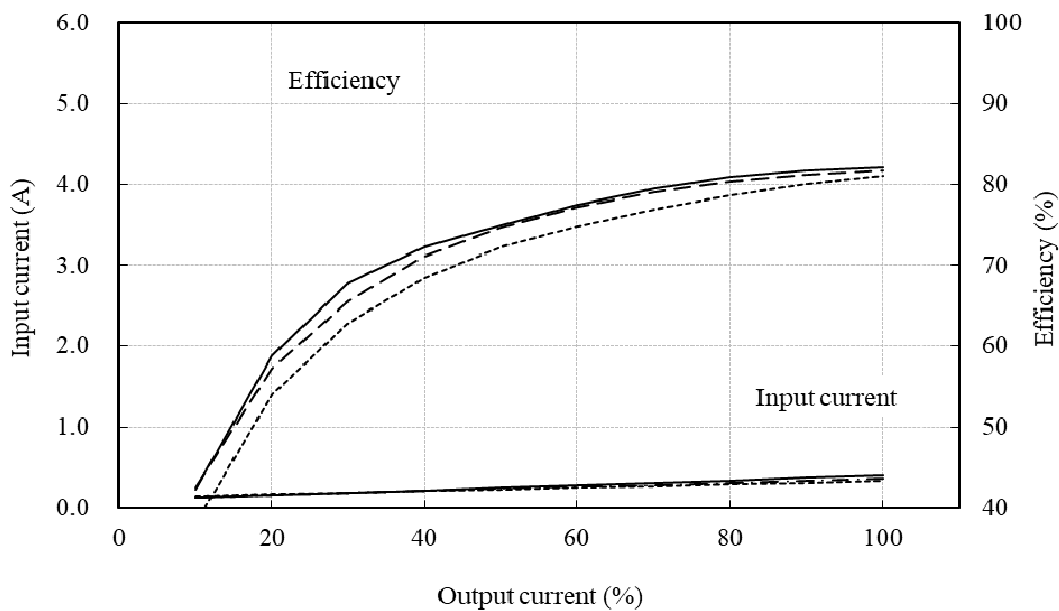
η and PF , input current v.s. output current



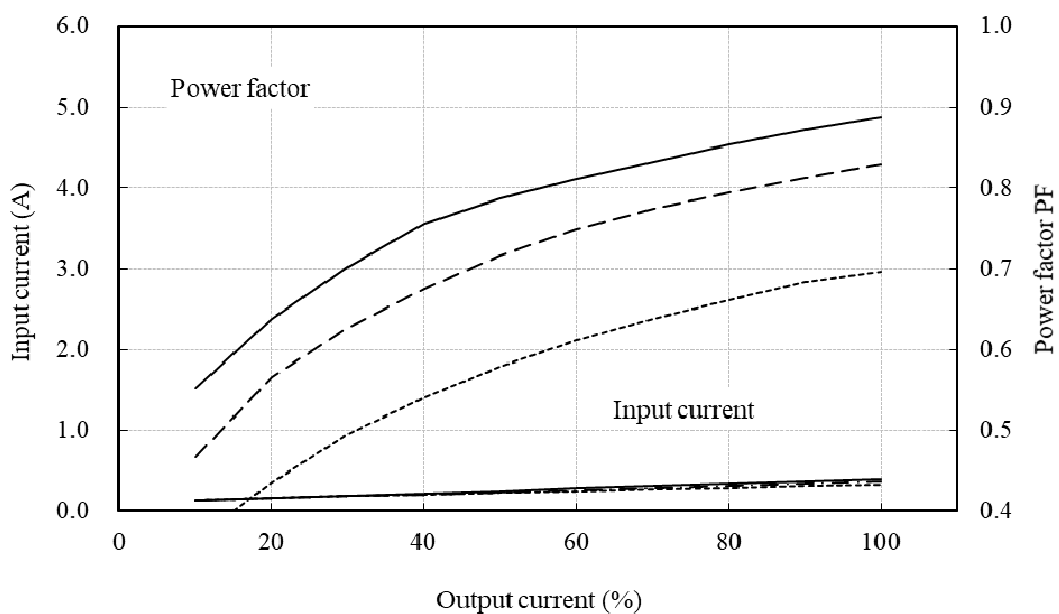
η and PF , input current v.s. output current

25°C

conditions Vin : 170VAC ———
: 200VAC - - - - -
: 264VAC - - - - -



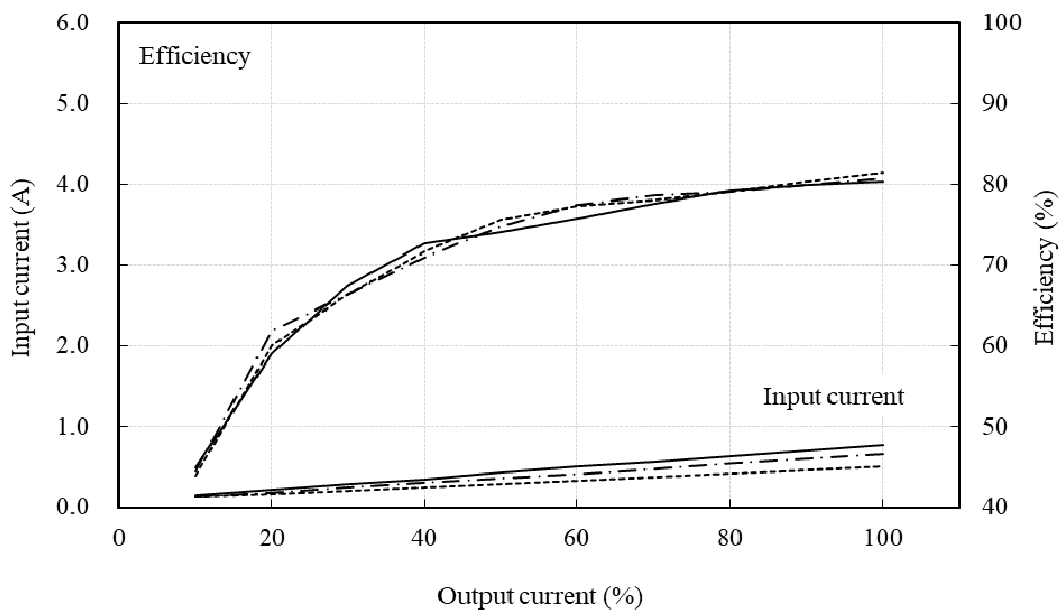
conditions Vin : 170VAC ———
: 200VAC - - - - -
: 264VAC - - - - -



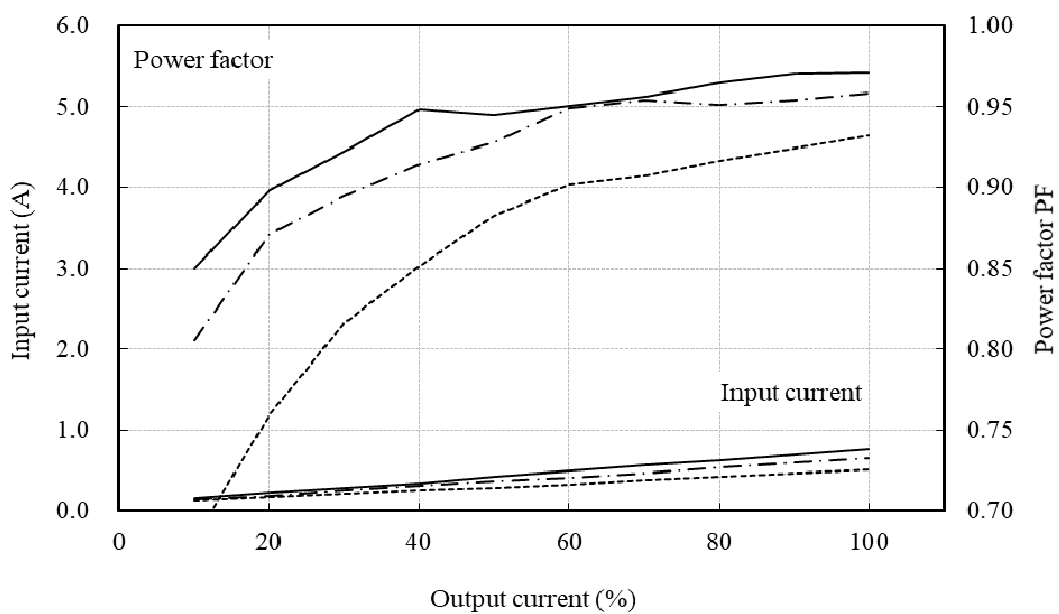
η and PF , input current v.s. output current

25°C

conditions V_{in} : 85VAC ———
: 100VAC - - - - -
: 132VAC - - - - -



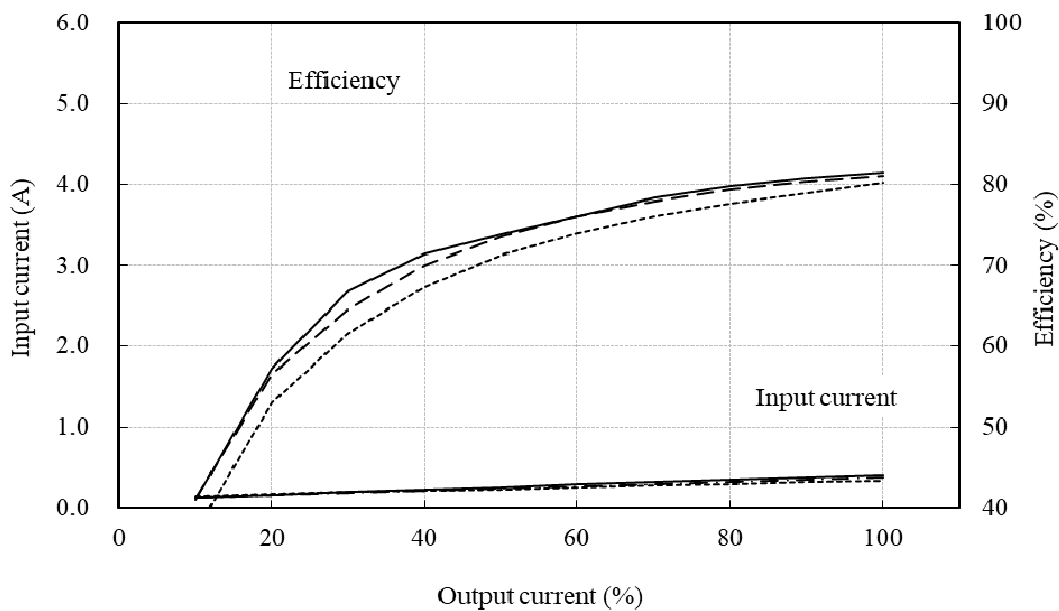
conditions V_{in} : 85VAC ———
: 100VAC - - - - -
: 132VAC - - - - -



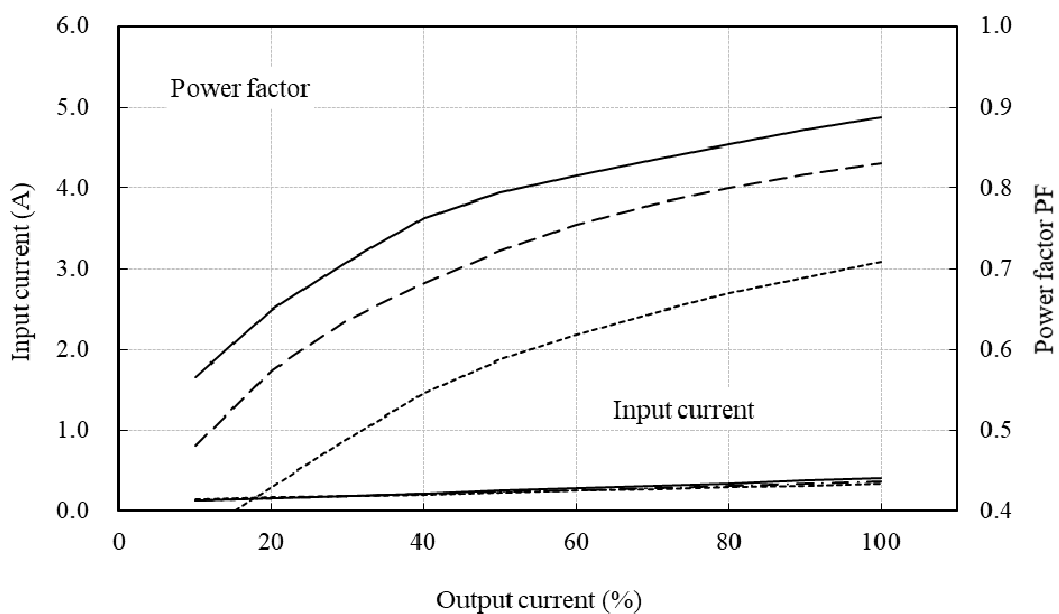
η and PF , input current v.s. output current

25°C

conditions V_{in} : 170VAC ———
: 200VAC - - - - -
: 264VAC - · - - · -



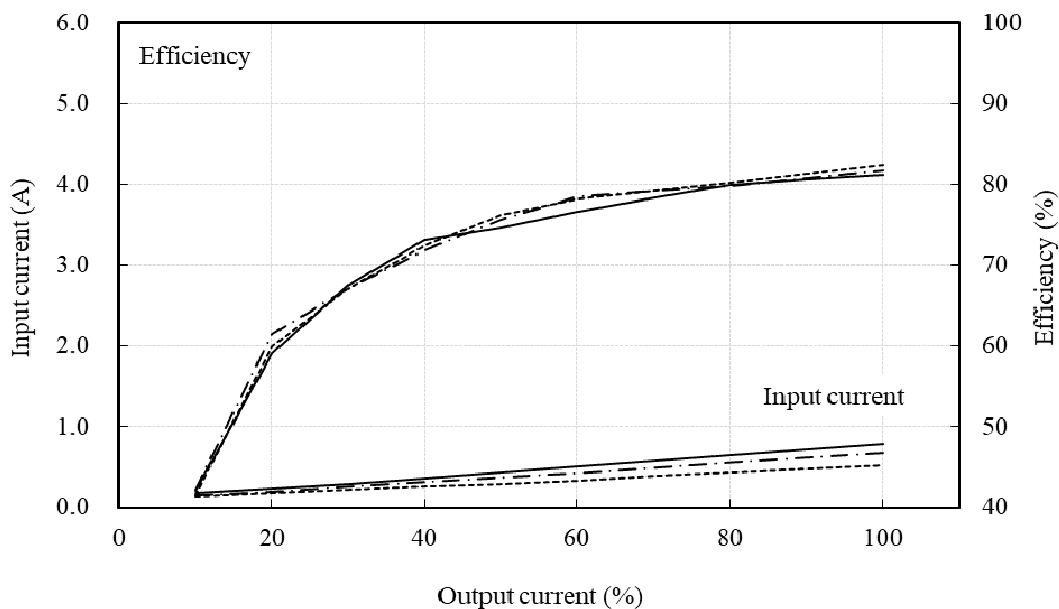
conditions V_{in} : 170VAC ———
: 200VAC - - - - -
: 264VAC - · - - · -



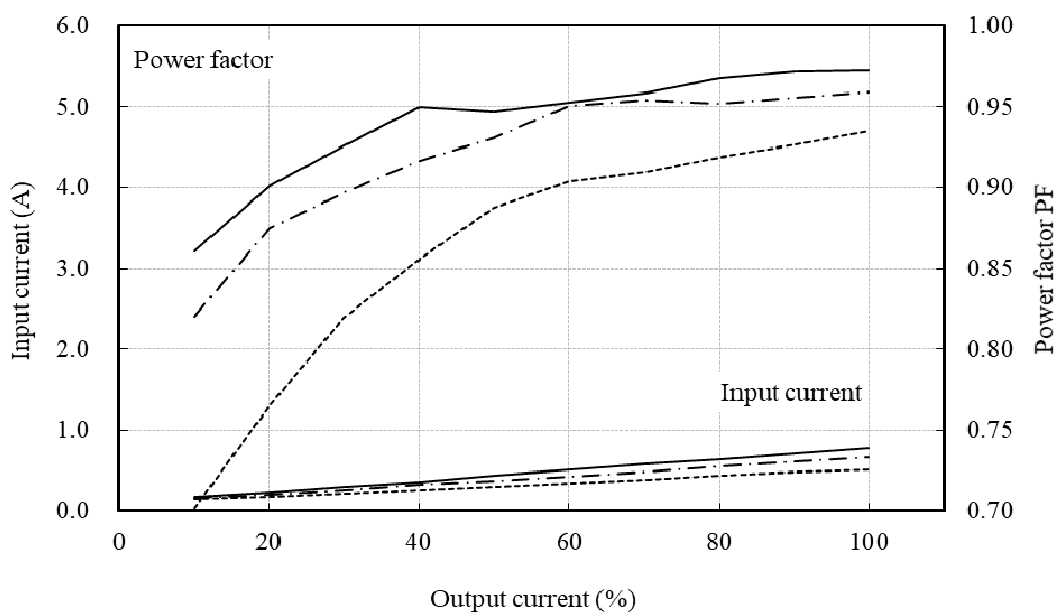
η and PF , input current v.s. output current

25°C

conditions V_{in} : 85VAC ———
: 100VAC - - - - -
: 132VAC - - - - -



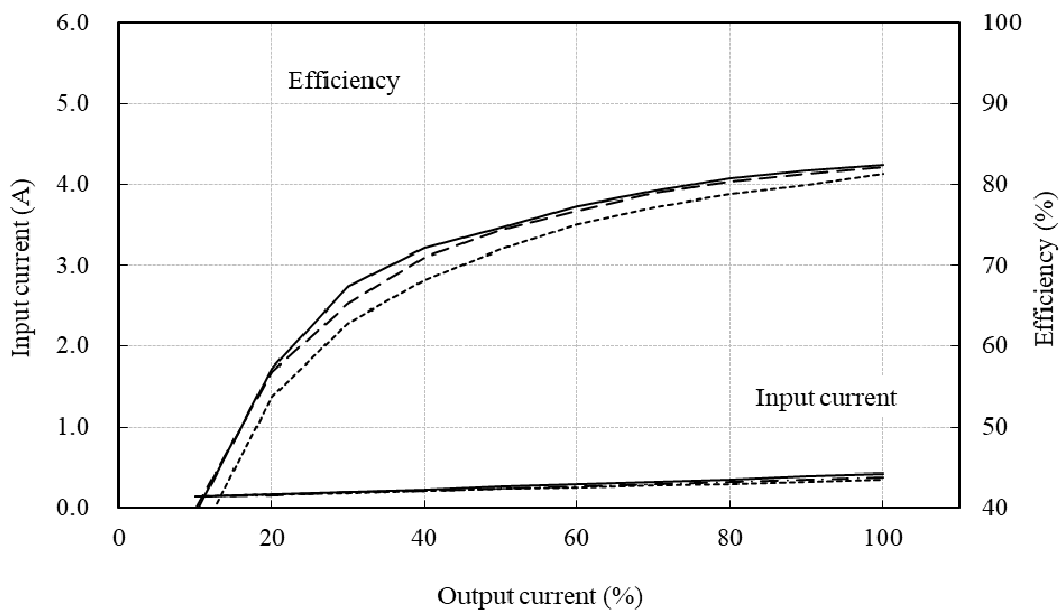
conditions V_{in} : 85VAC ———
: 100VAC - - - - -
: 132VAC - - - - -



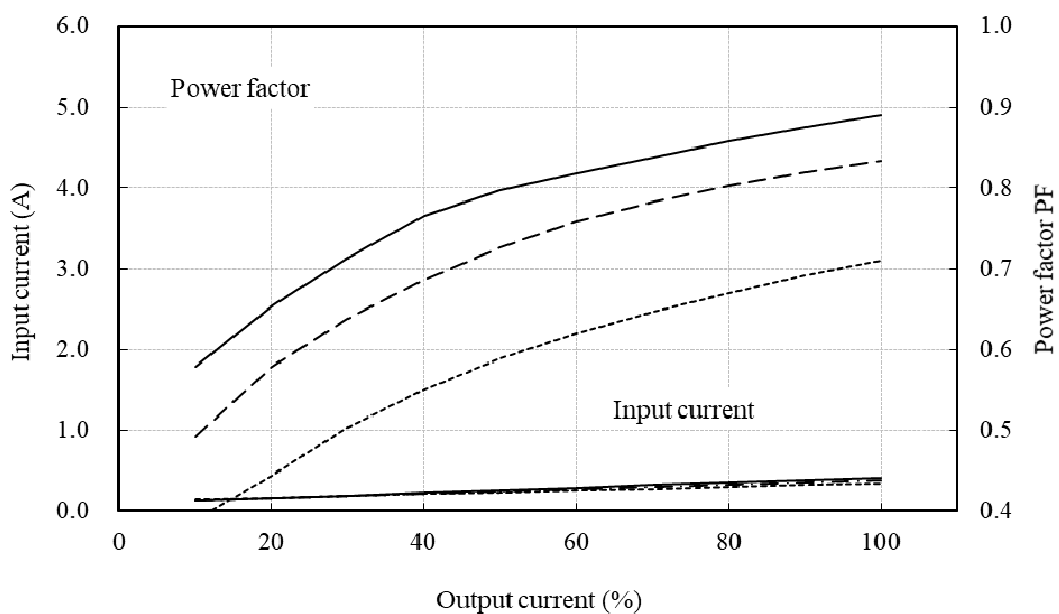
η and PF , input current v.s. output current

25°C

conditions Vin : 170VAC ———
: 200VAC - - - - -
: 264VAC - · - · - ·



conditions Vin : 170VAC ———
: 200VAC - - - - -
: 264VAC - · - · - ·



MODEL RFS50A-5**Regulation - Line and Load**

5V

1.Regulation - line and load

conditions Ta : -10°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	5.044 V	5.039 V	5.037 V	5.035 V	5.033 V	5.032 V		12 mV	0.24%
AC100V	5.046 V	5.041 V	5.038 V	5.036 V	5.034 V	5.033 V		13 mV	0.26%
AC132V	5.046 V	5.041 V	5.039 V	5.036 V	5.035 V	5.033 V		13 mV	0.26%
AC170V	5.047 V	5.042 V	5.039 V	5.037 V	5.035 V	5.033 V		13 mV	0.27%
AC200V	5.047 V	5.042 V	5.039 V	5.037 V	5.035 V	5.033 V		13 mV	0.27%
AC264V	5.047 V	5.042 V	5.040 V	5.038 V	5.036 V	5.034 V		13 mV	0.27%
line regulation	3.4 mV	3.0 mV	2.6 mV	2.3 mV	2.1 mV	1.9 mV	0.0 mV		
	0.07%	0.06%	0.05%	0.05%	0.04%	0.04%	0.00%		

conditions Ta : 25°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	5.056 V	5.051 V	5.049 V	5.047 V	5.045 V	5.044 V		12 mV	0.24%
AC100V	5.058 V	5.053 V	5.051 V	5.048 V	5.046 V	5.045 V		13 mV	0.27%
AC132V	5.059 V	5.054 V	5.052 V	5.049 V	5.047 V	5.046 V		13 mV	0.27%
AC170V	5.060 V	5.055 V	5.052 V	5.050 V	5.048 V	5.046 V		14 mV	0.27%
AC200V	5.061 V	5.056 V	5.053 V	5.051 V	5.049 V	5.047 V		14 mV	0.27%
AC264V	5.062 V	5.057 V	5.054 V	5.052 V	5.050 V	5.048 V		14 mV	0.28%
line regulation	6.2 mV	5.6 mV	5.1 mV	4.8 mV	4.5 mV	4.3 mV	0.0 mV		
	0.12%	0.11%	0.10%	0.10%	0.09%	0.09%	0.00%		

conditions Ta : 60°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	5.075 V	5.070 V	5.068 V	5.065 V	5.063 V	5.061 V		14 mV	0.28%
AC100V	5.076 V	5.071 V	5.068 V	5.066 V	5.064 V	5.062 V		14 mV	0.29%
AC132V	5.077 V	5.071 V	5.069 V	5.066 V	5.064 V	5.062 V		15 mV	0.29%
AC170V	5.077 V	5.072 V	5.069 V	5.067 V	5.064 V	5.062 V		15 mV	0.29%
AC200V	5.077 V	5.072 V	5.069 V	5.067 V	5.065 V	5.063 V		15 mV	0.29%
AC264V	5.078 V	5.073 V	5.070 V	5.067 V	5.065 V	5.063 V		15 mV	0.30%
line regulation	2.7 mV	2.4 mV	2.0 mV	1.9 mV	1.8 mV	1.7 mV	0.0 mV		
	0.05%	0.05%	0.04%	0.04%	0.04%	0.03%	0.00%		

2. Temperature drift

conditions Vin : 100VAC

Iout : 100%

Ta	-10°C	25°C	60°C	temperature stability	
Vo	5.033 V	5.045 V	5.062 V	29mV	0.59%

MODEL RFS50A-12**Regulation - Line and Load**

12V

1.Regulation - line and load

conditions Ta : -10°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	12.127 V	12.125 V	12.124 V	12.123 V	12.122 V	12.121 V		5 mV	0.04%
AC100V	12.127 V	12.125 V	12.124 V	12.123 V	12.122 V	12.121 V		6 mV	0.05%
AC132V	12.128 V	12.125 V	12.124 V	12.123 V	12.122 V	12.122 V		6 mV	0.05%
AC170V	12.128 V	12.126 V	12.125 V	12.124 V	12.123 V	12.122 V		6 mV	0.05%
AC200V	12.128 V	12.126 V	12.125 V	12.124 V	12.123 V	12.122 V		6 mV	0.05%
AC264V	12.128 V	12.127 V	12.125 V	12.124 V	12.123 V	12.122 V		6 mV	0.05%
line regulation	1.8 mV	1.8 mV	1.4 mV	1.4 mV	1.1 mV	1.1 mV	0.0 mV		
	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%		

conditions Ta : 25°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	12.097 V	12.096 V	12.095 V	12.094 V	12.093 V	12.092 V		5 mV	0.04%
AC100V	12.099 V	12.097 V	12.096 V	12.095 V	12.094 V	12.094 V		5 mV	0.04%
AC132V	12.100 V	12.098 V	12.097 V	12.096 V	12.095 V	12.094 V		6 mV	0.05%
AC170V	12.100 V	12.098 V	12.097 V	12.096 V	12.095 V	12.095 V		5 mV	0.05%
AC200V	12.101 V	12.099 V	12.098 V	12.097 V	12.096 V	12.095 V		6 mV	0.05%
AC264V	12.102 V	12.100 V	12.099 V	12.098 V	12.097 V	12.096 V		6 mV	0.05%
line regulation	4.6 mV	4.4 mV	4.1 mV	3.9 mV	3.6 mV	3.5 mV	0.0 mV		
	0.04%	0.04%	0.03%	0.03%	0.03%	0.03%	0.00%		

conditions Ta : 60°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	12.129 V	12.127 V	12.126 V	12.125 V	12.125 V	12.124 V		5 mV	0.04%
AC100V	12.130 V	12.130 V	12.129 V	12.128 V	12.127 V	12.126 V		4 mV	0.04%
AC132V	12.133 V	12.130 V	12.129 V	12.128 V	12.127 V	12.127 V		6 mV	0.05%
AC170V	12.133 V	12.131 V	12.130 V	12.129 V	12.128 V	12.127 V		6 mV	0.05%
AC200V	12.134 V	12.132 V	12.130 V	12.129 V	12.129 V	12.128 V		6 mV	0.05%
AC264V	12.135 V	12.133 V	12.132 V	12.130 V	12.129 V	12.129 V		6 mV	0.05%
line regulation	6.3 mV	5.6 mV	5.5 mV	5.1 mV	4.9 mV	4.7 mV	0.0 mV		
	0.05%	0.05%	0.05%	0.04%	0.04%	0.04%	0.00%		

2. Temperature drift

conditions Vin : 100VAC

Iout : 100%

Ta	-10°C	25°C	60°C	temperature stability	
Vo	12.121 V	12.094 V	12.126 V	33mV	0.27%

MODEL RFS50A-15**Regulation - Line and Load**

15V

1.Regulation - line and load

conditions Ta : -10°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	15.057 V	15.054 V	15.053 V	15.052 V	15.052 V	15.051 V		5 mV	0.03%
AC100V	15.058 V	15.056 V	15.054 V	15.053 V	15.053 V	15.052 V		6 mV	0.04%
AC132V	15.059 V	15.056 V	15.055 V	15.054 V	15.053 V	15.052 V		6 mV	0.04%
AC170V	15.059 V	15.056 V	15.055 V	15.054 V	15.053 V	15.053 V		6 mV	0.04%
AC200V	15.059 V	15.057 V	15.055 V	15.054 V	15.054 V	15.053 V		6 mV	0.04%
AC264V	15.060 V	15.058 V	15.056 V	15.055 V	15.055 V	15.054 V		6 mV	0.04%
line regulation	3.4 mV	3.2 mV	2.8 mV	2.8 mV	2.6 mV	2.4 mV	0.0 mV		
	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.00%		

conditions Ta : 25°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	15.072 V	15.070 V	15.069 V	15.069 V	15.068 V	15.068 V		5 mV	0.03%
AC100V	15.074 V	15.072 V	15.071 V	15.070 V	15.069 V	15.069 V		5 mV	0.04%
AC132V	15.075 V	15.073 V	15.071 V	15.071 V	15.070 V	15.069 V		6 mV	0.04%
AC170V	15.076 V	15.073 V	15.072 V	15.072 V	15.071 V	15.070 V		6 mV	0.04%
AC200V	15.077 V	15.074 V	15.073 V	15.072 V	15.071 V	15.071 V		6 mV	0.04%
AC264V	15.078 V	15.076 V	15.074 V	15.074 V	15.073 V	15.072 V		6 mV	0.04%
line regulation	5.8 mV	5.5 mV	5.1 mV	4.8 mV	4.8 mV	4.5 mV	0.0 mV		
	0.04%	0.04%	0.03%	0.03%	0.03%	0.03%	0.00%		

conditions Ta : 60°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	15.109 V	15.107 V	15.105 V	15.105 V	15.104 V	15.103 V		6 mV	0.04%
AC100V	15.093 V	15.091 V	15.090 V	15.089 V	15.088 V	15.088 V		6 mV	0.04%
AC132V	15.094 V	15.091 V	15.090 V	15.090 V	15.089 V	15.088 V		6 mV	0.04%
AC170V	15.095 V	15.092 V	15.091 V	15.090 V	15.089 V	15.088 V		6 mV	0.04%
AC200V	15.095 V	15.092 V	15.091 V	15.090 V	15.089 V	15.089 V		6 mV	0.04%
AC264V	15.096 V	15.093 V	15.092 V	15.091 V	15.091 V	15.090 V		7 mV	0.04%
line regulation	15.6 mV	15.8 mV	15.8 mV	16.0 mV	15.8 mV	15.9 mV	0.0 mV		
	0.10%	0.11%	0.11%	0.11%	0.11%	0.11%	0.00%		

2. Temperature drift

conditions Vin : 100VAC

Iout : 100%

Ta	-10°C	25°C	60°C	temperature stability	
Vo	15.052 V	15.069 V	15.088 V	35mV	0.24%

MODEL RFS50A-24**Regulation - Line and Load**

24V

1.Regulation - line and load

conditions Ta : -10°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	24.017 V	24.015 V	24.014 V	24.014 V	24.014 V	24.013 V		4 mV	0.02%
AC100V	24.018 V	24.016 V	24.015 V	24.015 V	24.015 V	24.014 V		4 mV	0.02%
AC132V	24.019 V	24.017 V	24.016 V	24.015 V	24.015 V	24.015 V		4 mV	0.02%
AC170V	24.019 V	24.018 V	24.017 V	24.016 V	24.016 V	24.015 V		4 mV	0.02%
AC200V	24.020 V	24.018 V	24.017 V	24.017 V	24.016 V	24.016 V		4 mV	0.02%
AC264V	24.021 V	24.020 V	24.019 V	24.018 V	24.017 V	24.017 V		4 mV	0.02%
line regulation	4.1 mV	4.4 mV	4.4 mV	4.1 mV	4.0 mV	3.7 mV	0.0 mV		
	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.00%		

conditions Ta : 25°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	24.038 V	24.036 V	24.035 V	24.035 V	24.034 V	24.034 V		4 mV	0.02%
AC100V	24.039 V	24.037 V	24.036 V	24.035 V	24.035 V	24.034 V		4 mV	0.02%
AC132V	24.039 V	24.037 V	24.036 V	24.036 V	24.035 V	24.035 V		4 mV	0.02%
AC170V	24.039 V	24.037 V	24.036 V	24.036 V	24.035 V	24.035 V		5 mV	0.02%
AC200V	24.040 V	24.038 V	24.037 V	24.036 V	24.035 V	24.035 V		5 mV	0.02%
AC264V	24.040 V	24.038 V	24.037 V	24.037 V	24.036 V	24.035 V		5 mV	0.02%
line regulation	1.8 mV	1.9 mV	2.1 mV	1.6 mV	2.0 mV	1.6 mV	0.0 mV		
	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%		

conditions Ta : 60°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	24.069 V	24.067 V	24.066 V	24.065 V	24.065 V	24.064 V		5 mV	0.02%
AC100V	24.069 V	24.067 V	24.066 V	24.065 V	24.065 V	24.065 V		5 mV	0.02%
AC132V	24.070 V	24.068 V	24.067 V	24.066 V	24.065 V	24.065 V		5 mV	0.02%
AC170V	24.070 V	24.068 V	24.067 V	24.066 V	24.066 V	24.065 V		5 mV	0.02%
AC200V	24.070 V	24.068 V	24.067 V	24.066 V	24.066 V	24.065 V		5 mV	0.02%
AC264V	24.071 V	24.069 V	24.068 V	24.067 V	24.066 V	24.066 V		5 mV	0.02%
line regulation	1.7 mV	1.7 mV	1.8 mV	1.8 mV	1.6 mV	1.8 mV	0.0 mV		
	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%		

2. Temperature drift

conditions Vin : 100VAC

Iout : 100%

Ta	-10°C	25°C	60°C	temperature stability	
Vo	24.014 V	24.034 V	24.065 V	51mV	0.21%

MODEL RFS50A-30**Regulation - Line and Load**

30V

1.Regulation - line and load

conditions Ta : -10°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	30.035 V	30.033 V	30.033 V	30.033 V	30.033 V	30.032 V		3 mV	0.01%
AC100V	30.039 V	30.037 V	30.036 V	30.035 V	30.035 V	30.035 V		5 mV	0.02%
AC132V	30.041 V	30.039 V	30.038 V	30.037 V	30.037 V	30.036 V		5 mV	0.02%
AC170V	30.043 V	30.040 V	30.039 V	30.038 V	30.038 V	30.038 V		5 mV	0.02%
AC200V	30.044 V	30.042 V	30.040 V	30.040 V	30.039 V	30.039 V		5 mV	0.02%
AC264V	30.048 V	30.045 V	30.044 V	30.043 V	30.043 V	30.043 V		5 mV	0.02%
line regulation	12.5 mV	11.8 mV	11.2 mV	10.6 mV	10.6 mV	10.4 mV	0.0 mV		
	0.04%	0.04%	0.04%	0.04%	0.04%	0.03%	0.00%		

conditions Ta : 25°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	30.052 V	30.050 V	30.049 V	30.049 V	30.048 V	30.048 V		4 mV	0.01%
AC100V	30.054 V	30.051 V	30.050 V	30.050 V	30.049 V	30.049 V		5 mV	0.02%
AC132V	30.056 V	30.053 V	30.052 V	30.051 V	30.051 V	30.050 V		5 mV	0.02%
AC170V	30.057 V	30.054 V	30.053 V	30.052 V	30.052 V	30.051 V		5 mV	0.02%
AC200V	30.058 V	30.055 V	30.054 V	30.053 V	30.053 V	30.052 V		6 mV	0.02%
AC264V	30.061 V	30.057 V	30.056 V	30.056 V	30.055 V	30.055 V		6 mV	0.02%
line regulation	8.3 mV	7.6 mV	7.6 mV	7.1 mV	6.9 mV	6.7 mV	0.0 mV		
	0.03%	0.03%	0.03%	0.02%	0.02%	0.02%	0.00%		

conditions Ta : 60°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	30.219 V	30.217 V	30.216 V	30.216 V	30.216 V	30.216 V		4 mV	0.01%
AC100V	30.223 V	30.220 V	30.220 V	30.220 V	30.221 V	30.221 V		4 mV	0.01%
AC132V	30.228 V	30.226 V	30.227 V	30.230 V	30.237 V	30.237 V		11 mV	0.04%
AC170V	30.244 V	30.241 V	30.240 V	30.239 V	30.239 V	30.238 V		6 mV	0.02%
AC200V	30.246 V	30.242 V	30.241 V	30.240 V	30.239 V	30.239 V		7 mV	0.02%
AC264V	30.248 V	30.244 V	30.243 V	30.242 V	30.241 V	30.241 V		7 mV	0.02%
line regulation	28.4 mV	27.4 mV	26.8 mV	26.3 mV	25.7 mV	25.3 mV	0.0 mV		
	0.09%	0.09%	0.09%	0.09%	0.09%	0.08%	0.00%		

2. Temperature drift

conditions Vin : 100VAC

Iout : 100%

Ta	-10°C	25°C	60°C	temperature stability	
Vo	30.035 V	30.049 V	30.221 V	186mV	0.62%

MODEL RFS50A-48**Regulation - Line and Load**

48V

1.Regulation - line and load

conditions Ta : -10°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	48.024 V	48.022 V	48.023 V	48.024 V	48.024 V	48.024 V		2 mV	0.00%
AC100V	48.031 V	48.028 V	48.028 V	48.028 V	48.028 V	48.028 V		3 mV	0.01%
AC132V	48.034 V	48.031 V	48.031 V	48.030 V	48.030 V	48.030 V		4 mV	0.01%
AC170V	48.037 V	48.034 V	48.033 V	48.033 V	48.032 V	48.032 V		5 mV	0.01%
AC200V	48.038 V	48.036 V	48.035 V	48.035 V	48.034 V	48.034 V		4 mV	0.01%
AC264V	48.043 V	48.041 V	48.040 V	48.039 V	48.039 V	48.039 V		5 mV	0.01%
line regulation	19.4 mV	18.5 mV	17.0 mV	15.7 mV	14.9 mV	14.5 mV	0.0 mV		
	0.04%	0.04%	0.04%	0.03%	0.03%	0.03%	0.00%		

conditions Ta : 25°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	48.065 V	48.063 V	48.063 V	48.063 V	48.062 V	48.063 V		2 mV	0.00%
AC100V	48.069 V	48.066 V	48.066 V	48.066 V	48.065 V	48.065 V		4 mV	0.01%
AC132V	48.072 V	48.069 V	48.068 V	48.068 V	48.068 V	48.067 V		5 mV	0.01%
AC170V	48.073 V	48.071 V	48.070 V	48.070 V	48.069 V	48.069 V		4 mV	0.01%
AC200V	48.075 V	48.072 V	48.072 V	48.071 V	48.071 V	48.070 V		5 mV	0.01%
AC264V	48.079 V	48.076 V	48.075 V	48.075 V	48.074 V	48.074 V		5 mV	0.01%
line regulation	14.0 mV	13.3 mV	12.4 mV	12.1 mV	11.8 mV	11.3 mV	0.0 mV		
	0.03%	0.03%	0.03%	0.03%	0.02%	0.02%	0.00%		

conditions Ta : 60°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	48.204 V	48.200 V	48.200 V	48.199 V	48.199 V	48.198 V		5 mV	0.01%
AC100V	48.205 V	48.202 V	48.201 V	48.201 V	48.200 V	48.200 V		6 mV	0.01%
AC132V	48.207 V	48.203 V	48.202 V	48.202 V	48.201 V	48.201 V		6 mV	0.01%
AC170V	48.208 V	48.204 V	48.203 V	48.203 V	48.202 V	48.202 V		6 mV	0.01%
AC200V	48.209 V	48.206 V	48.204 V	48.204 V	48.203 V	48.203 V		6 mV	0.01%
AC264V	48.212 V	48.208 V	48.207 V	48.207 V	48.206 V	48.206 V		6 mV	0.01%
line regulation	8.1 mV	8.1 mV	7.9 mV	7.9 mV	7.6 mV	7.1 mV	0.0 mV		
	0.02%	0.02%	0.02%	0.02%	0.02%	0.01%	0.00%		

2. Temperature drift

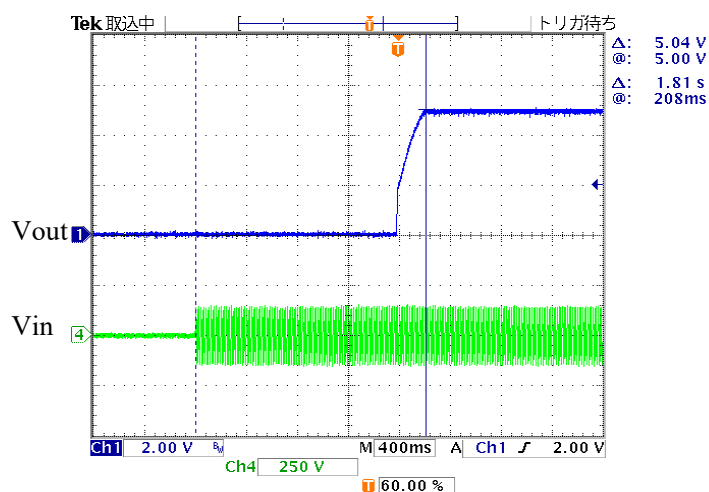
conditions Vin : 100VAC

Iout : 100%

Ta	-10°C	25°C	60°C	temperature stability	
Vo	48.028 V	48.065 V	48.200 V	172mV	0.36%

Output Rise Waveform and Start Time

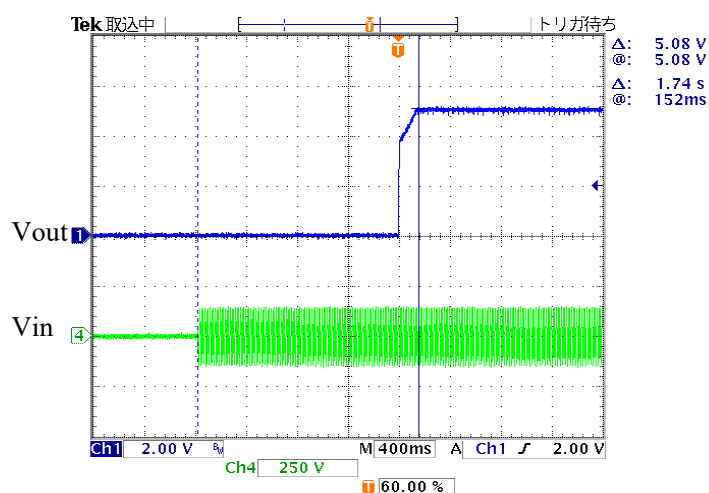
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %

Vin : 250 VAC/DIV
Vout : 2 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1810 ms



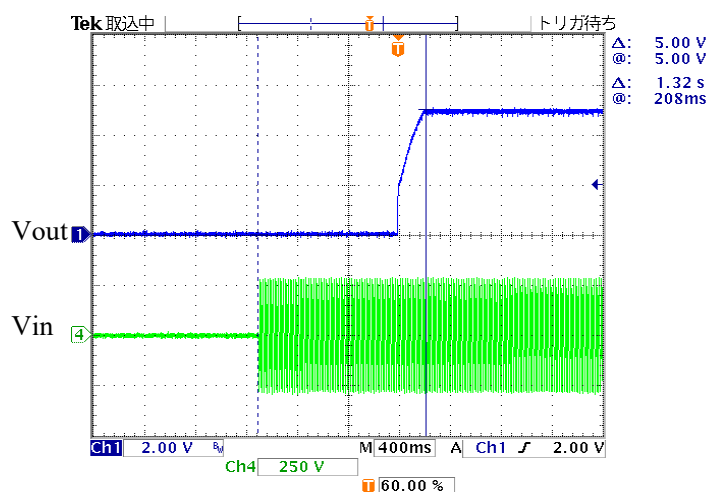
Input Voltage : 200 VAC
Output Current : 0 %

Vin : 250 VAC/DIV
Vout : 2 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1740 ms

Output Rise Waveform and Start Time

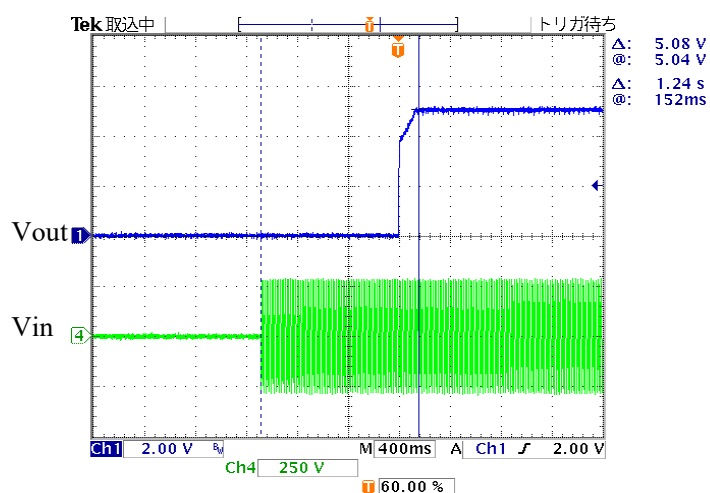
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %

Vin : 250 VAC/DIV
Vout : 2 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1320 ms



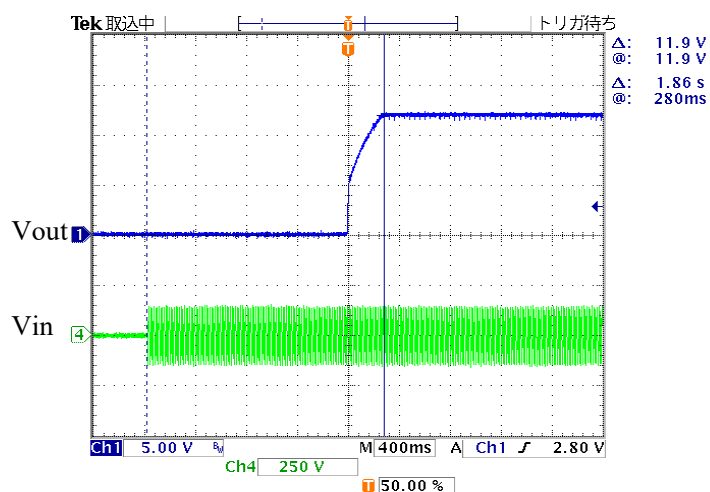
Input Voltage : 200 VAC
Output Current : 0 %

Vin : 250 VAC/DIV
Vout : 2 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1240 ms

Output Rise Waveform and Start Time

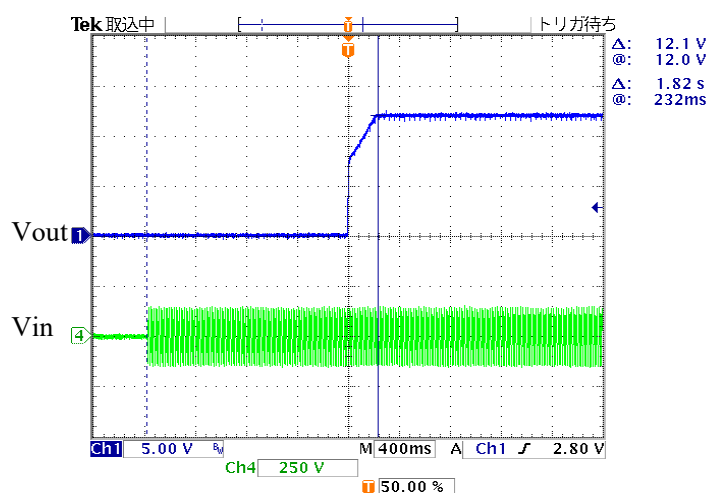
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %

Vin : 250 VAC/DIV
Vout : 5 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1860 ms



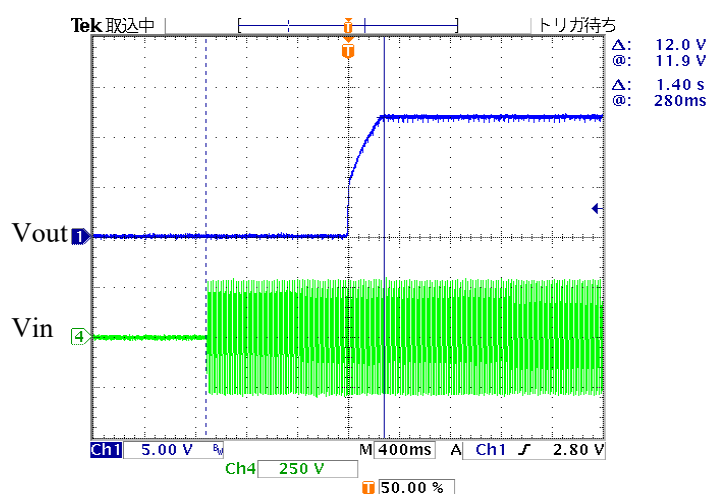
Input Voltage : 100 VAC
Output Current : 0 %

Vin : 250 VAC/DIV
Vout : 5 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1820 ms

Output Rise Waveform and Start Time

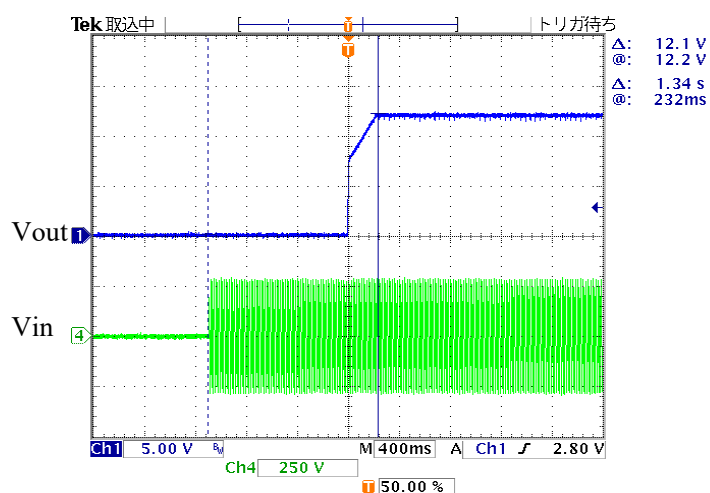
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %

Vin : 250 VAC/DIV
Vout : 5 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1400 ms



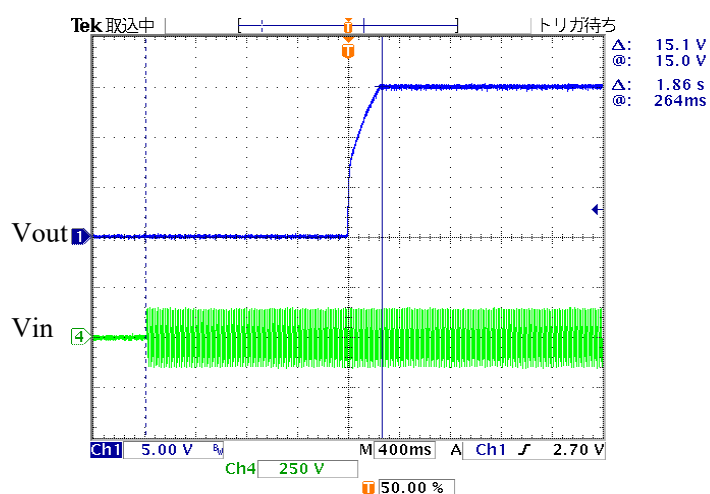
Input Voltage : 200 VAC
Output Current : 0 %

Vin : 250 VAC/DIV
Vout : 5 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1340 ms

Output Rise Waveform and Start Time

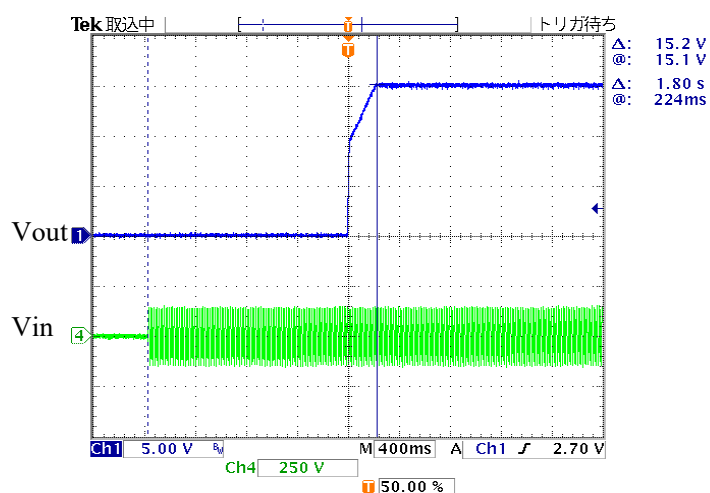
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %

Vin : 250 VAC/DIV
Vout : 5 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1860 ms



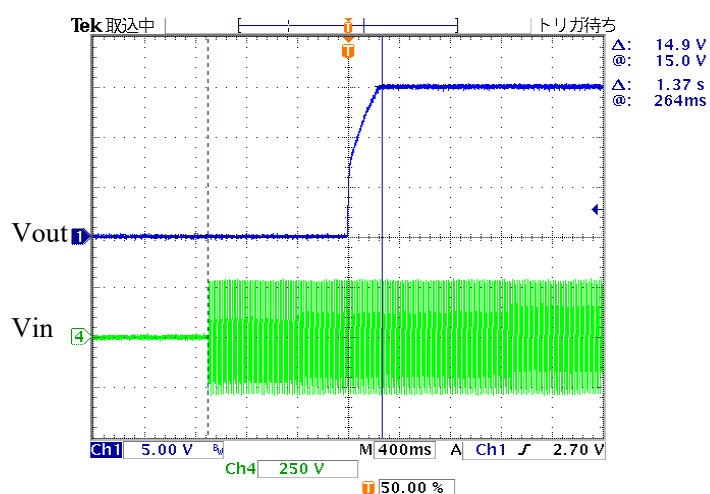
Input Voltage : 100 VAC
Output Current : 0 %

Vin : 250 VAC/DIV
Vout : 5 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1800 ms

Output Rise Waveform and Start Time

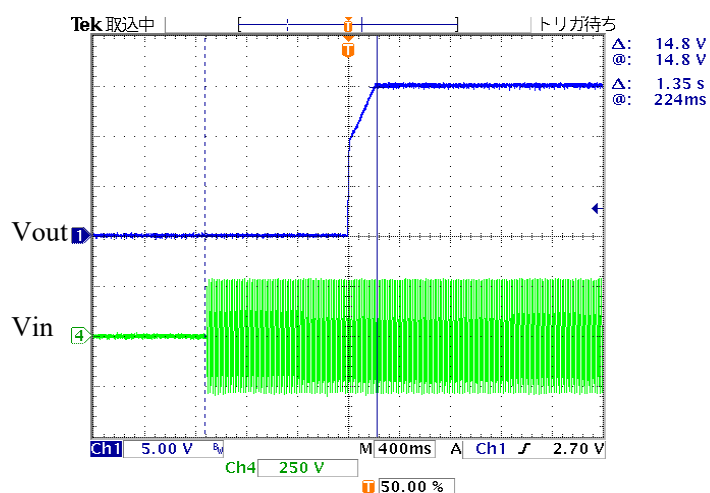
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %

Vin : 250 VAC/DIV
Vout : 5 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1370 ms



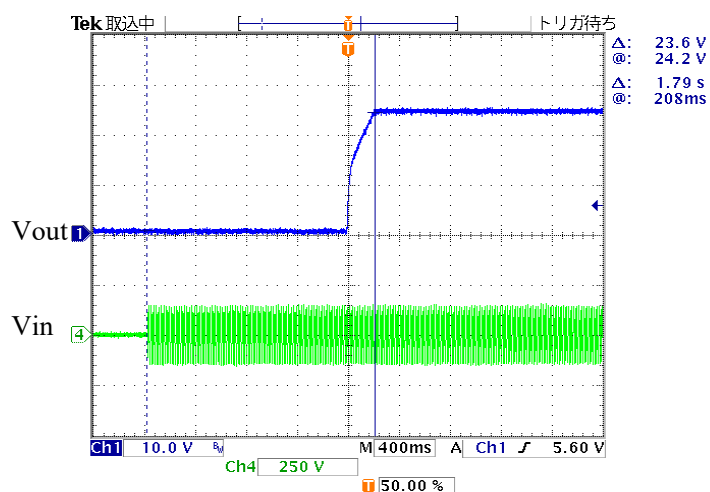
Input Voltage : 200 VAC
Output Current : 0 %

Vin : 250 VAC/DIV
Vout : 5 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1350 ms

Output Rise Waveform and Start Time

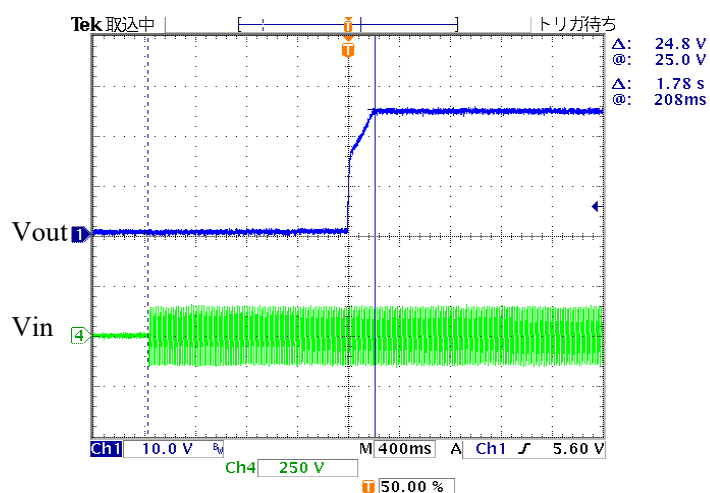
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %

Vin : 250 VAC/DIV
Vout : 10 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1790 ms



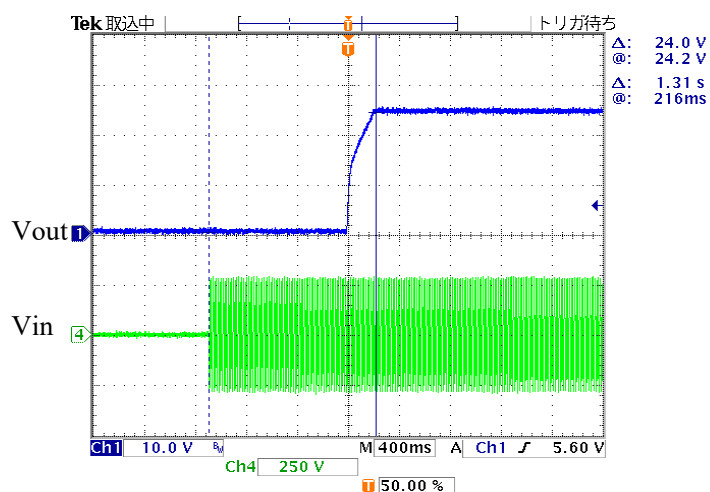
Input Voltage : 100 VAC
Output Current : 0 %

Vin : 250 VAC/DIV
Vout : 10 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1780 ms

Output Rise Waveform and Start Time

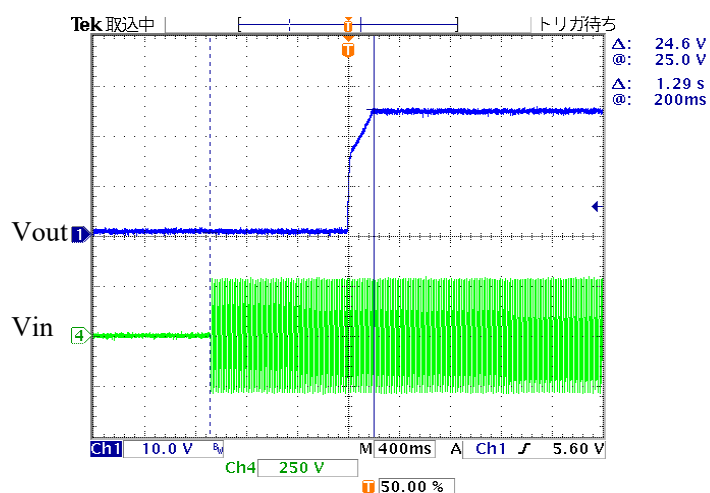
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %

Vin : 250 VAC/DIV
Vout : 10 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1310 ms



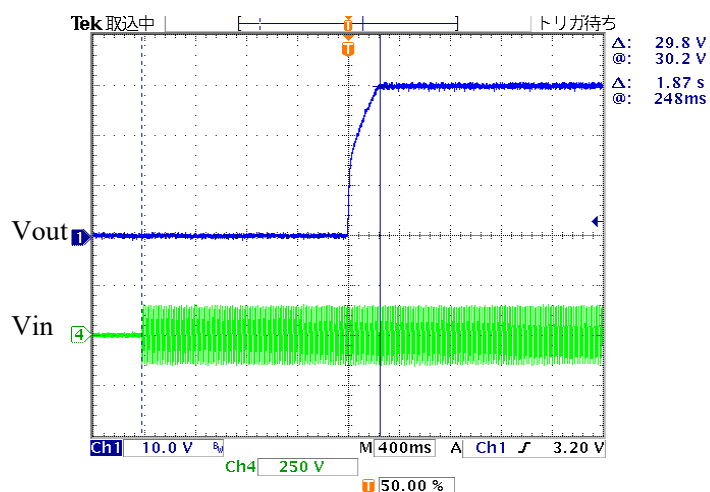
Input Voltage : 200 VAC
Output Current : 0 %

Vin : 250 VAC/DIV
Vout : 10 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1290 ms

Output Rise Waveform and Start Time

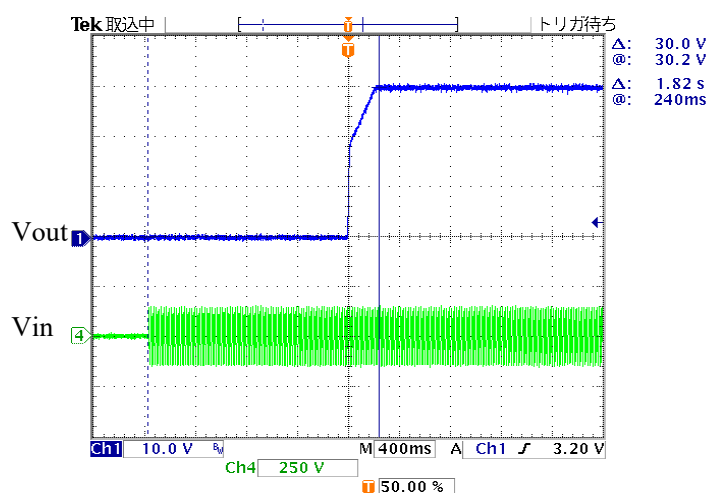
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %

Vin : 250 VAC/DIV
Vout : 10 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1870 ms



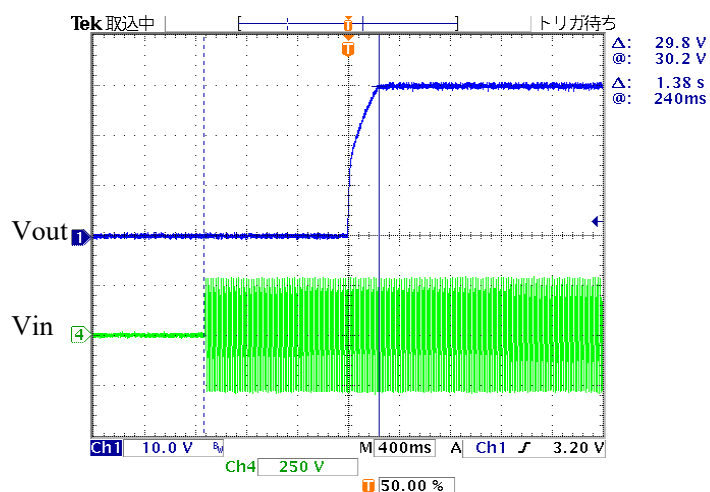
Input Voltage : 100 VAC
Output Current : 0 %

Vin : 250 VAC/DIV
Vout : 10 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1820 ms

Output Rise Waveform and Start Time

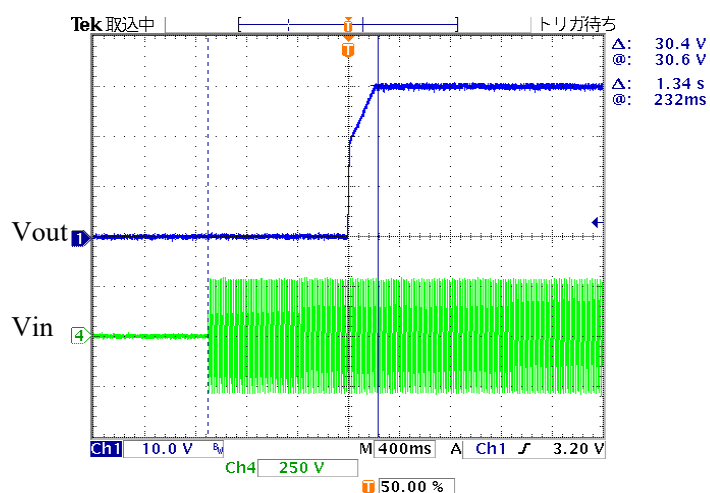
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %

Vin : 250 VAC/DIV
Vout : 10 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1380 ms



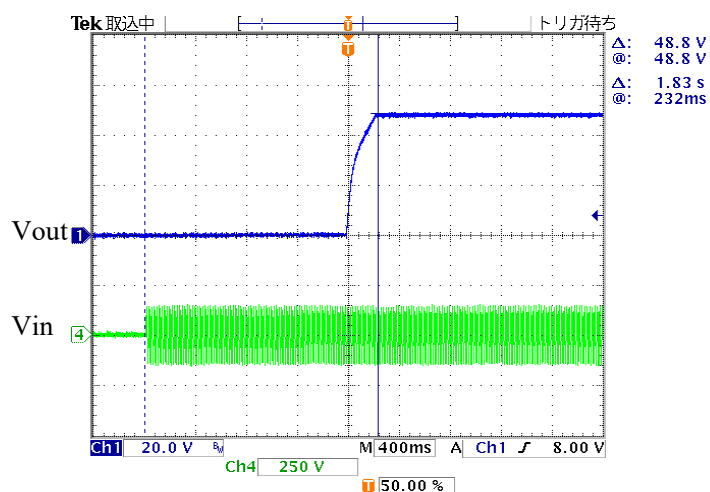
Input Voltage : 200 VAC
Output Current : 0 %

Vin : 250 VAC/DIV
Vout : 10 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1340 ms

Output Rise Waveform and Start Time

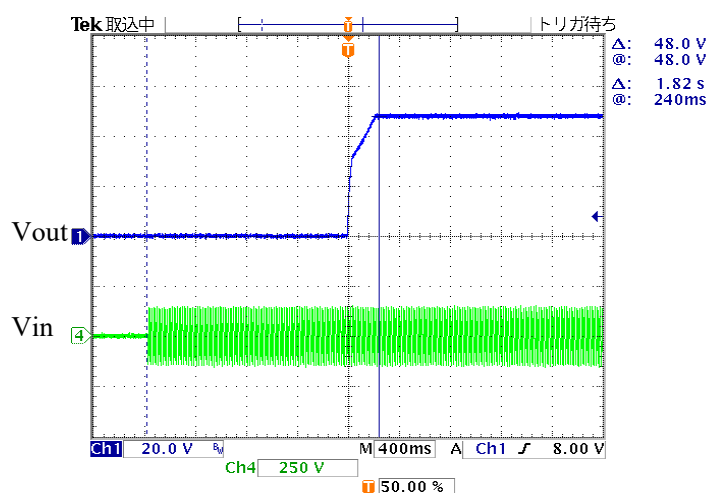
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %

Vin : 250 VAC/DIV
Vout : 20 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1830 ms



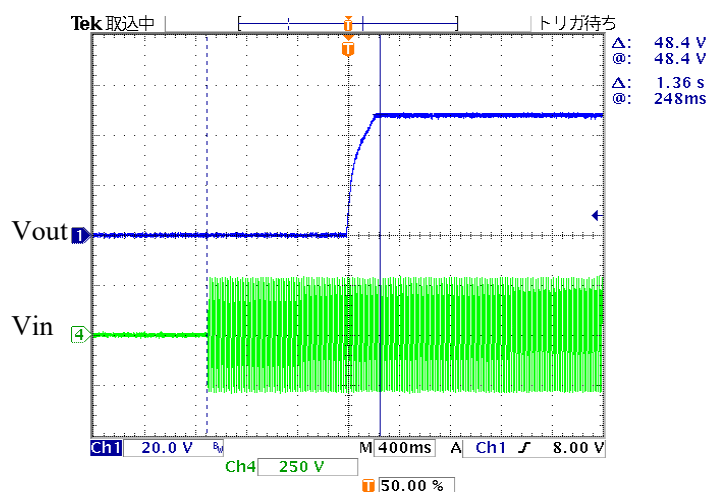
Input Voltage : 100 VAC
Output Current : 0 %

Vin : 250 VAC/DIV
Vout : 20 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1820 ms

Output Rise Waveform and Start Time

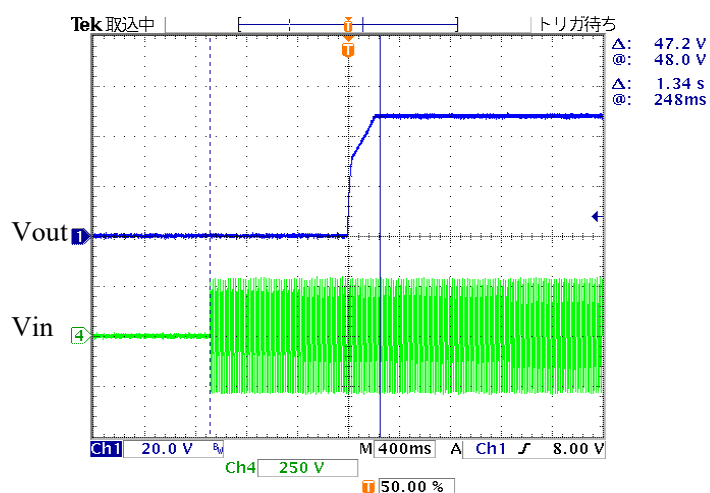
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %

Vin : 250 VAC/DIV
Vout : 20 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1360 ms

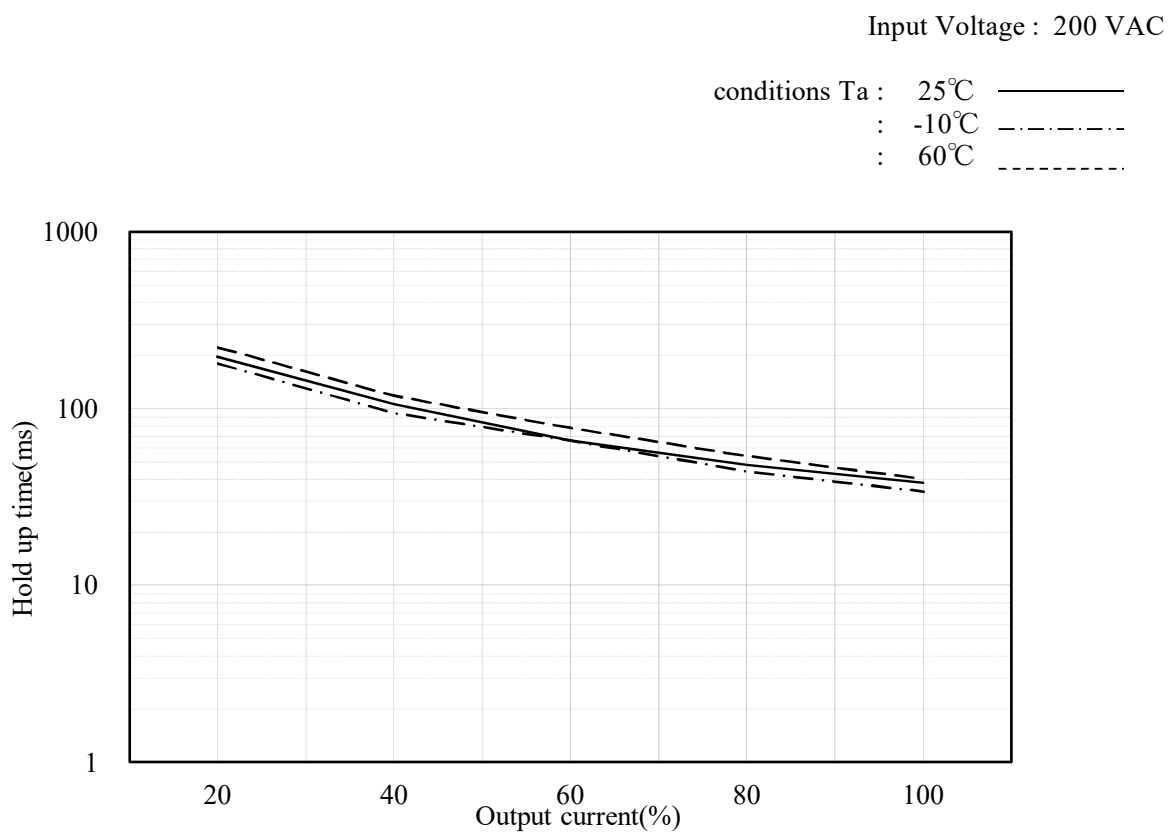
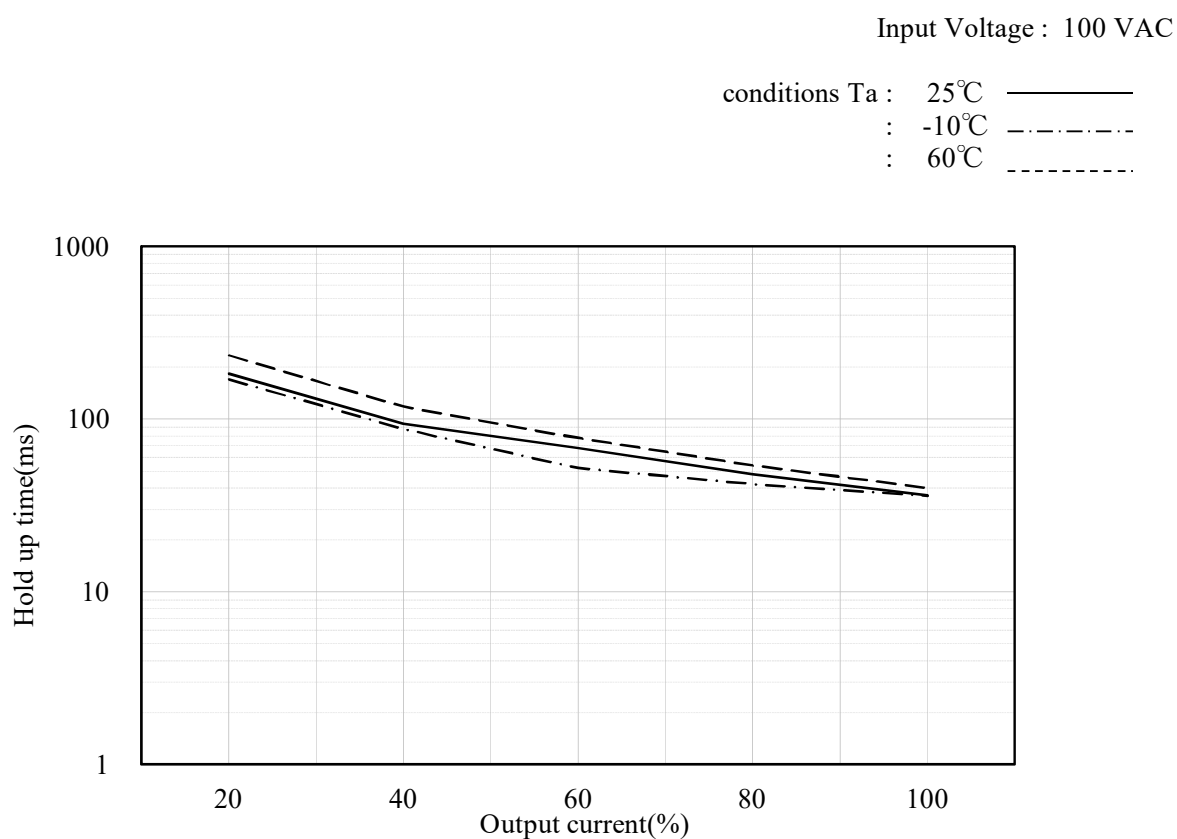


Input Voltage : 200 VAC
Output Current : 0 %

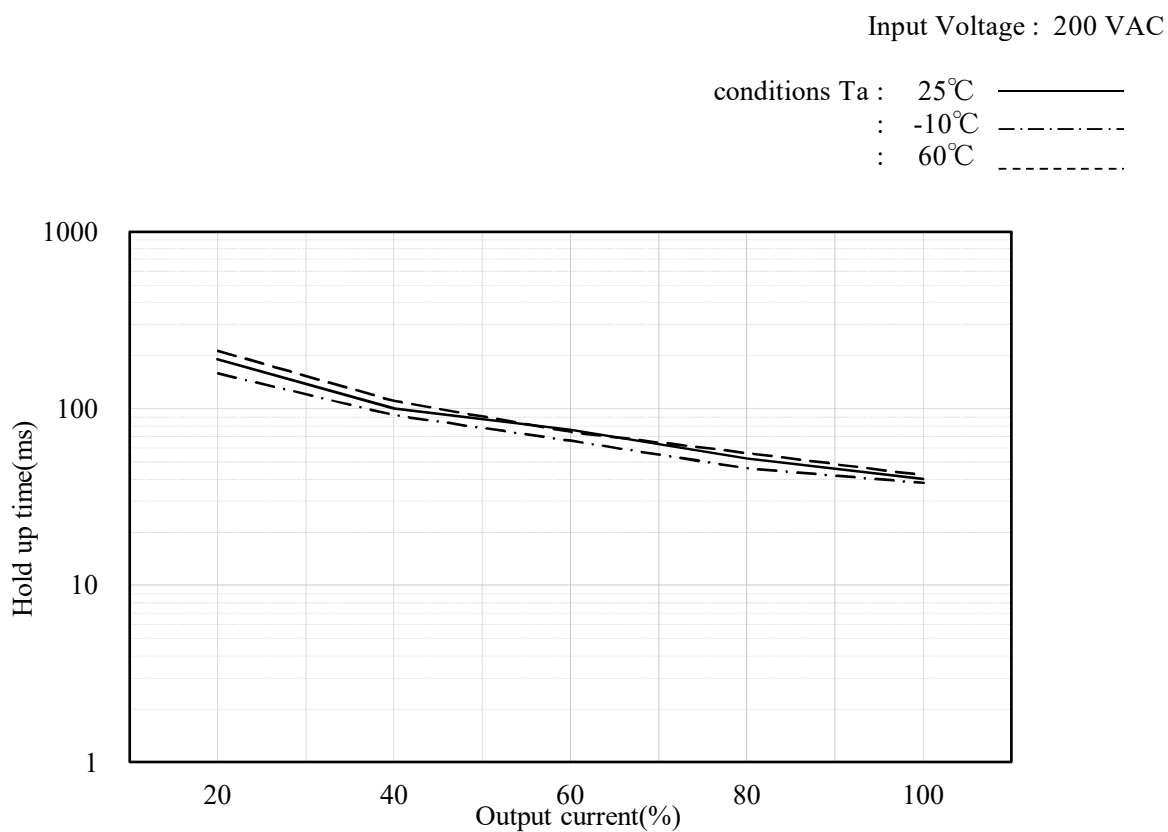
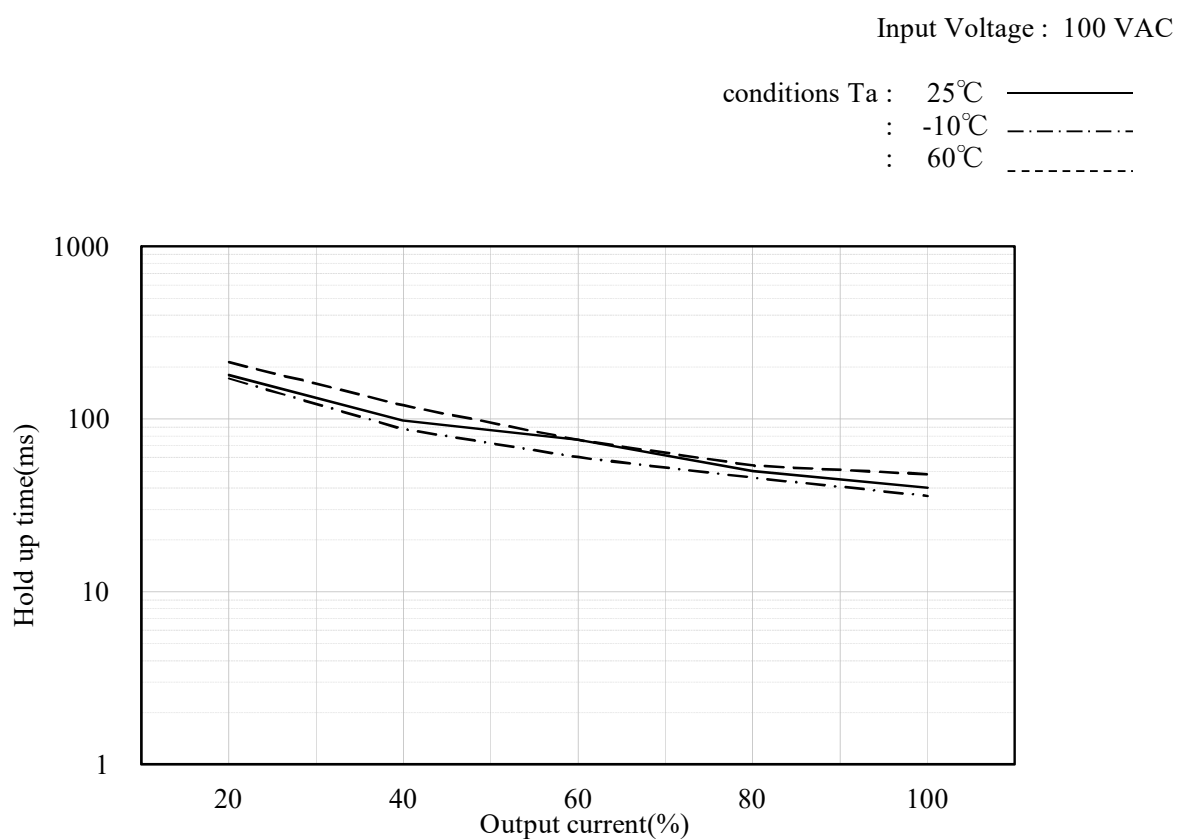
Vin : 250 VAC/DIV
Vout : 20 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1340 ms

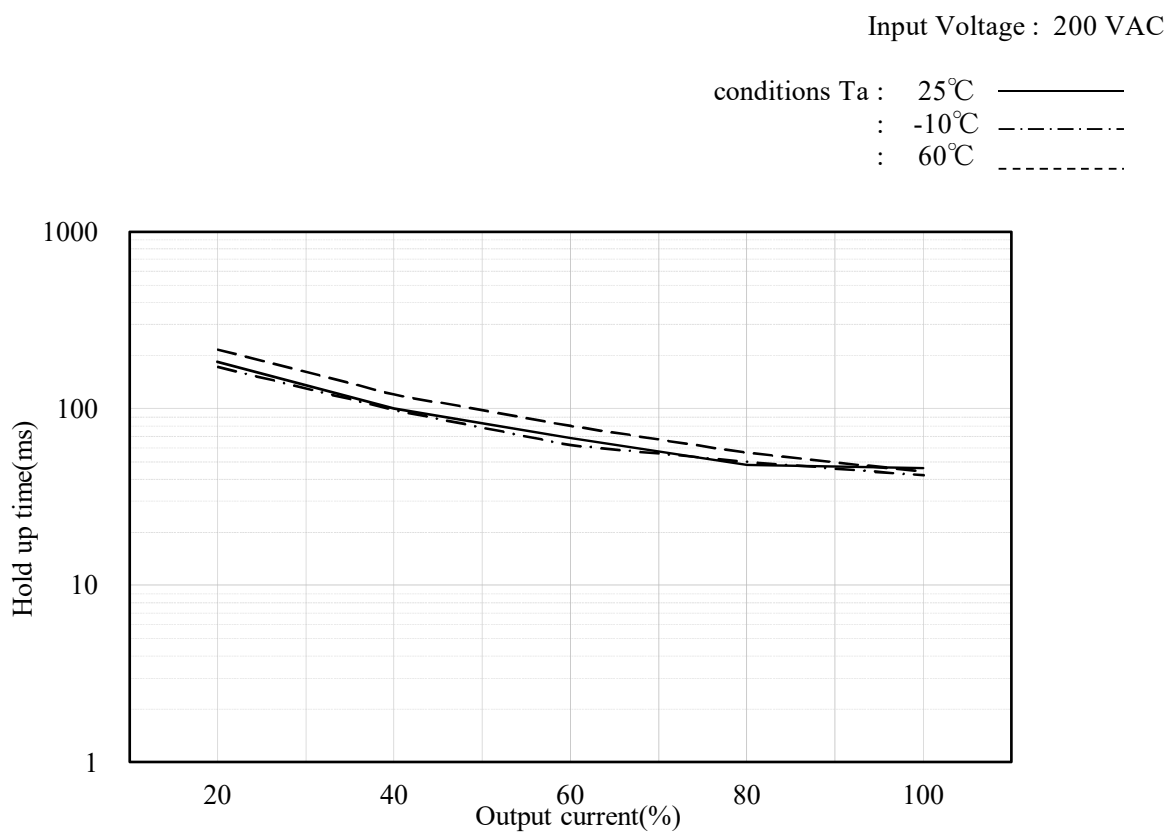
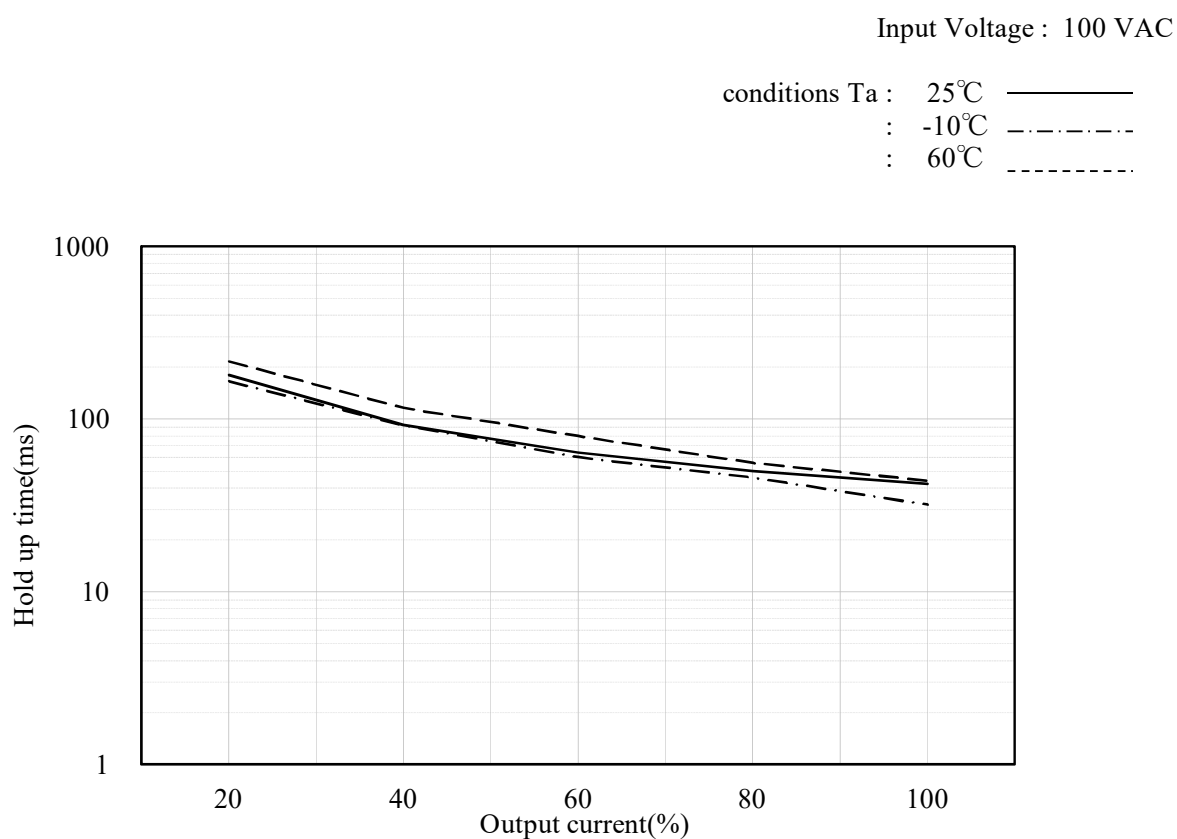
Hold up time characteristics



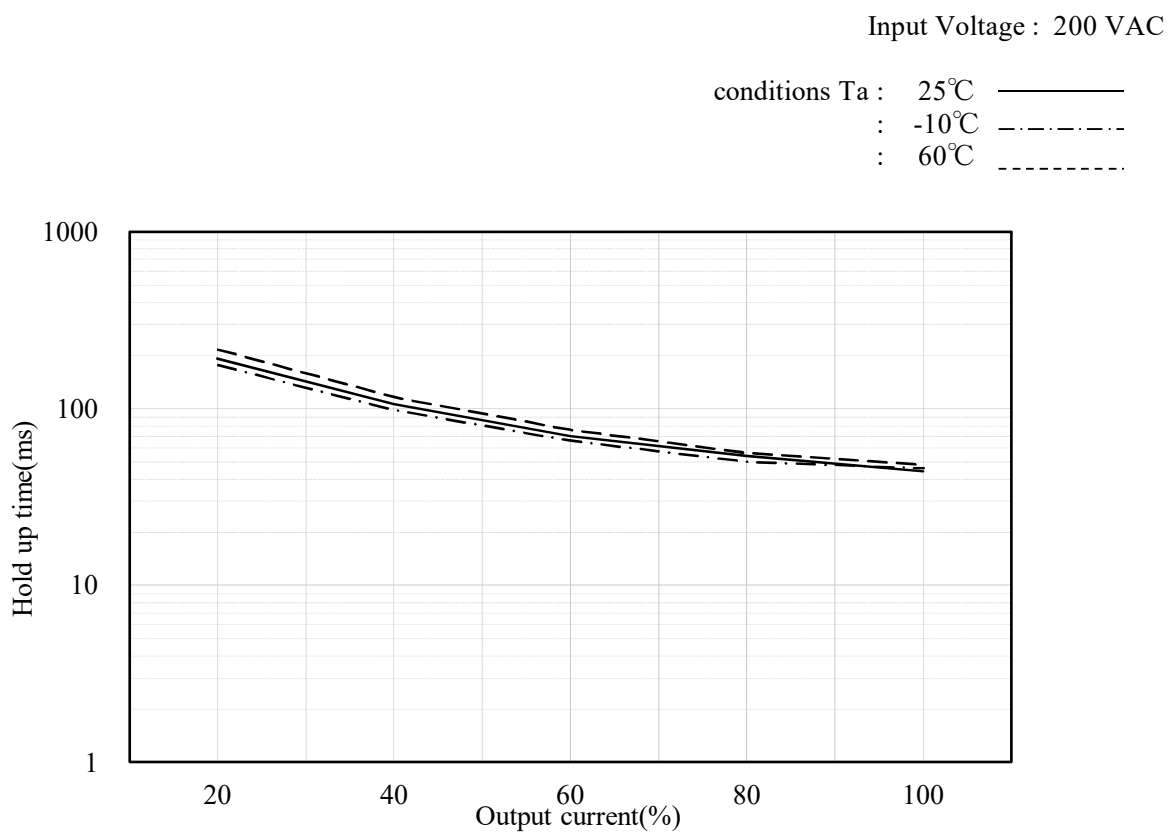
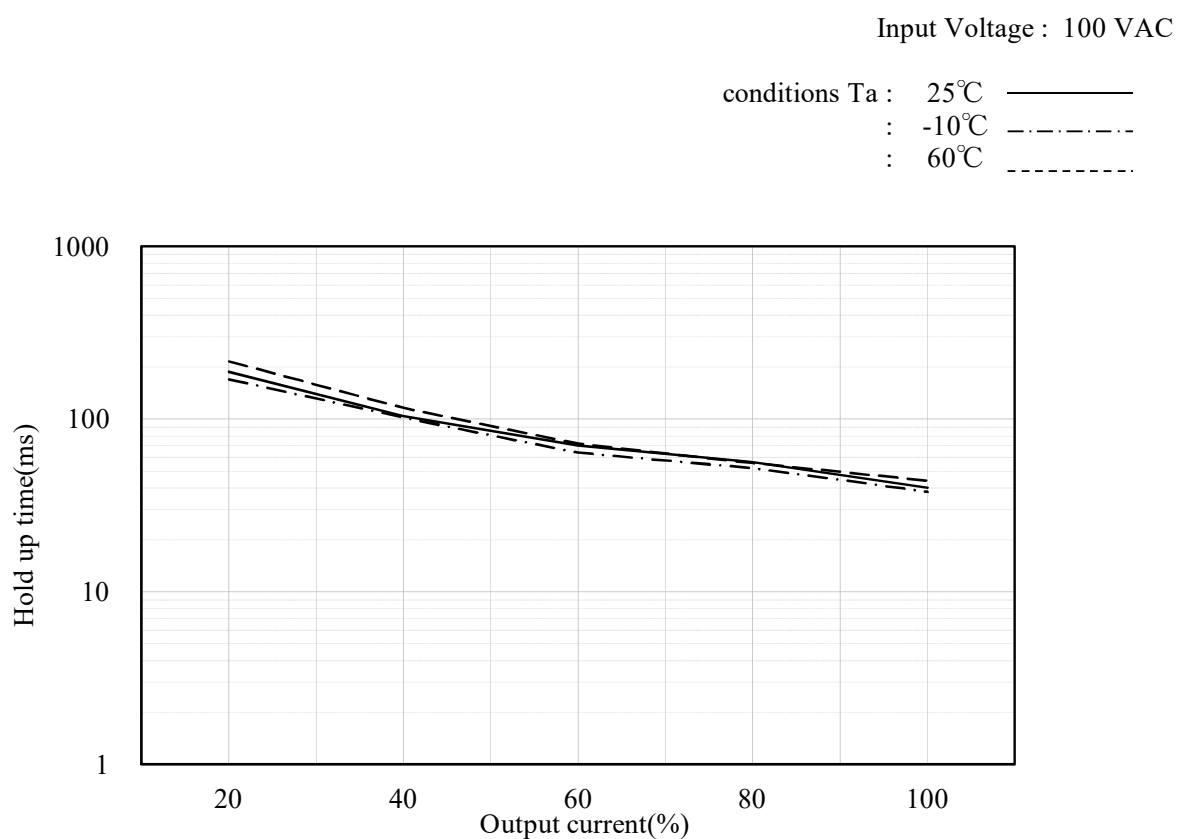
Hold up time characteristics



Hold up time characteristics



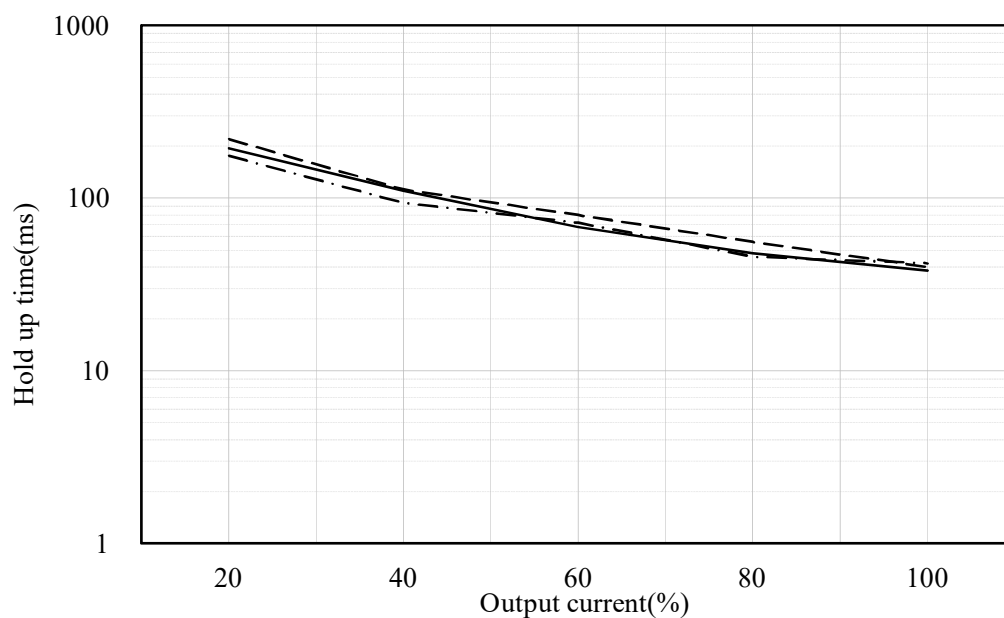
Hold up time characteristics



Hold up time characteristics	
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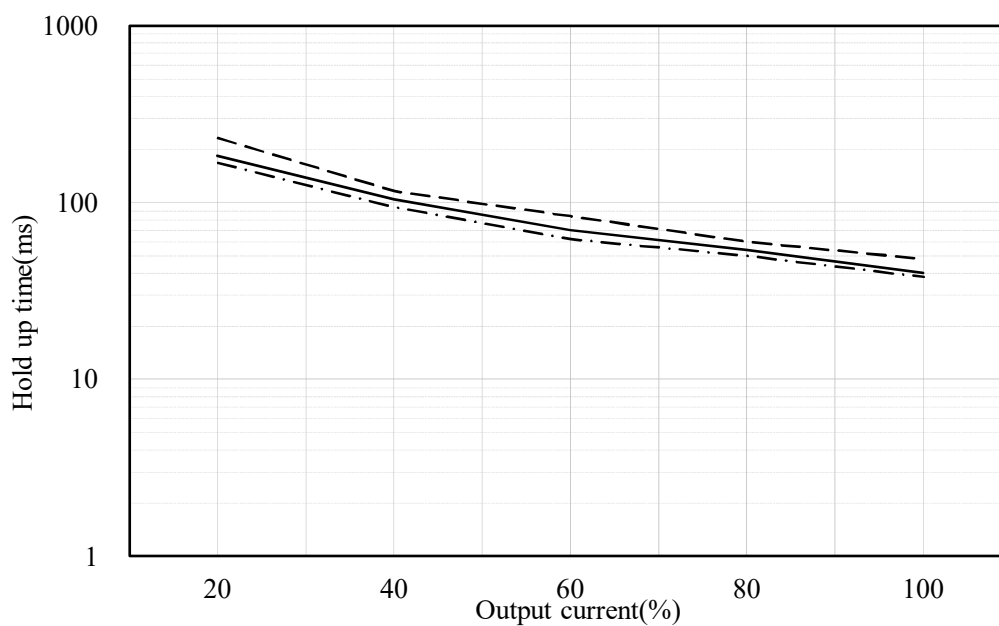
Input Voltage : 100 VAC

conditions Ta : 25°C —————
: -10°C - - - - -
: 60°C - - - - -

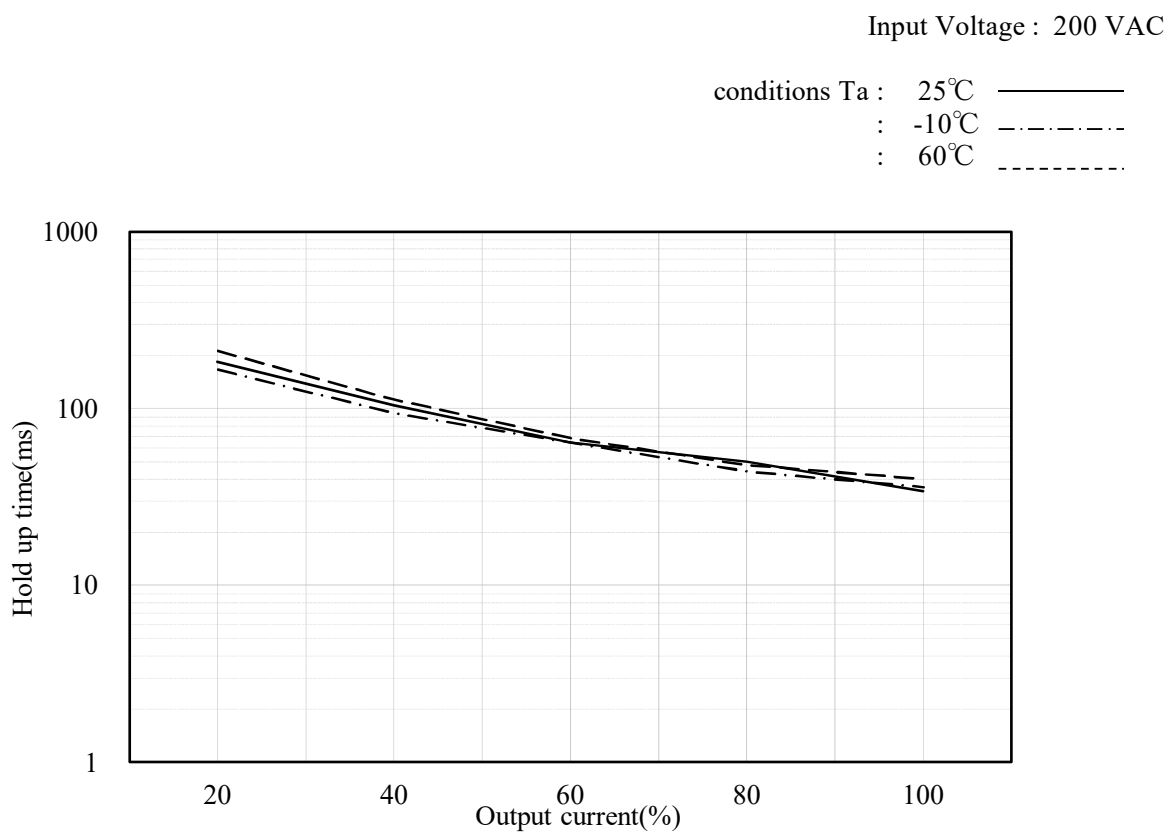
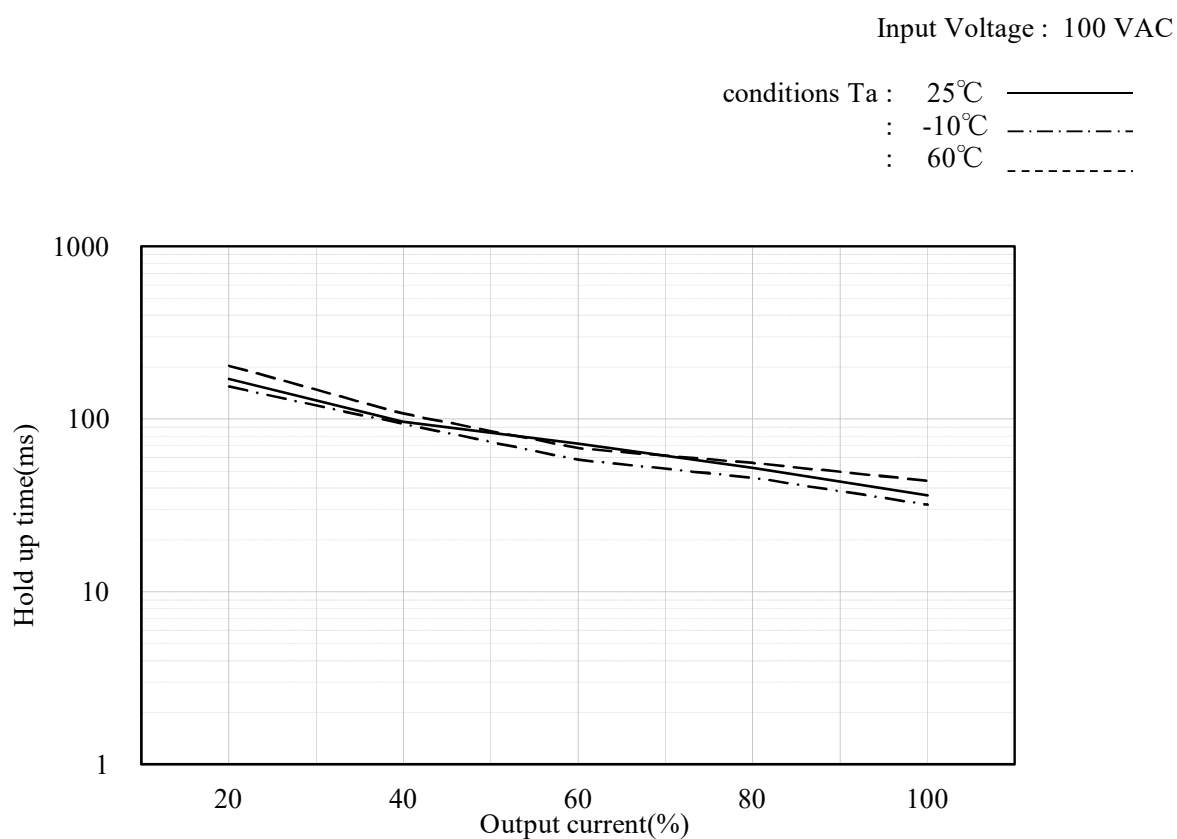


Input Voltage : 200 VAC

conditions Ta : 25°C _____
: -10°C - - - - -
: 60°C - - - - -

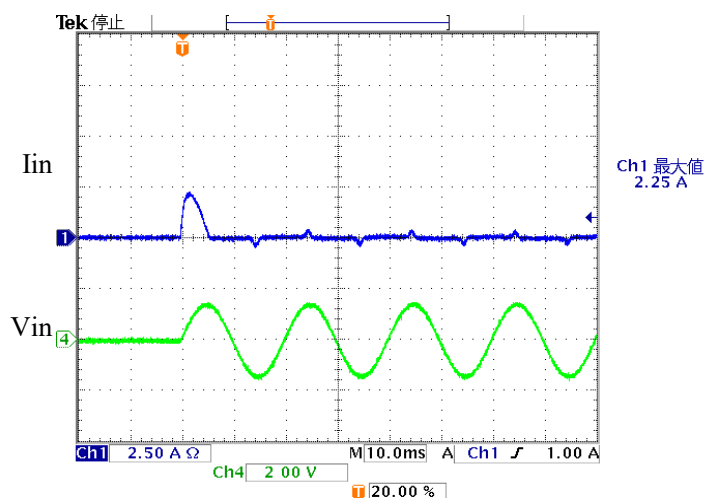


Hold up time characteristics



Inrush Current Characteristics

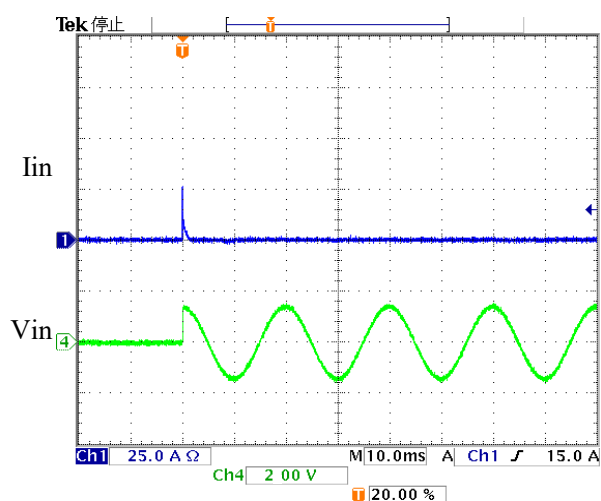
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %
Switch on phase angle : $\phi=0^\circ$

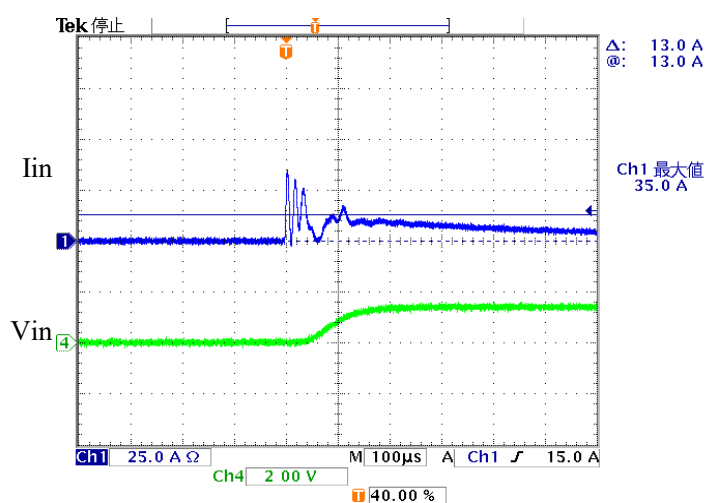
Iin : 2.5 A/DIV
Vin : 200 VAC/DIV
TIME : 10 ms/DIV

I_{max} : 2.25 A



Input Voltage : 100 VAC
Output Current : 100 %
Switch on phase angle : $\phi=90^\circ$

Iin : 25 A/DIV
Vin : 200 VAC/DIV
TIME : 10 ms/DIV

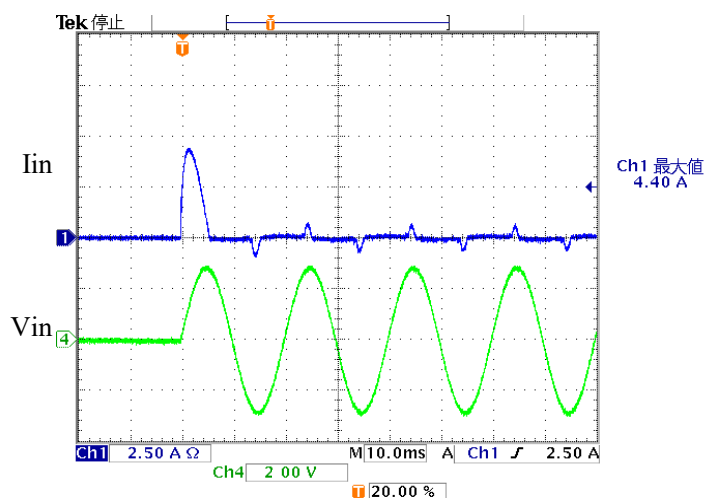


Input Voltage : 100 VAC
Output Current : 100 %
Switch on phase angle : $\phi=90^\circ$

Iin : 25 A/DIV
Vin : 200 VAC/DIV
TIME : 100 μ s/DIV

Inrush Current Characteristics

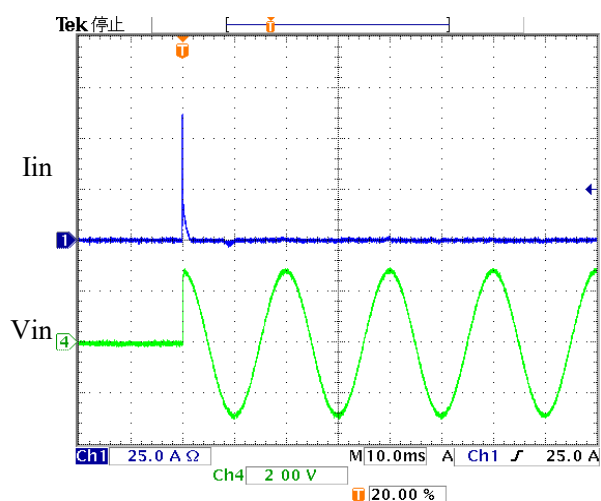
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %
Switch on phase angle : $\phi=0^\circ$

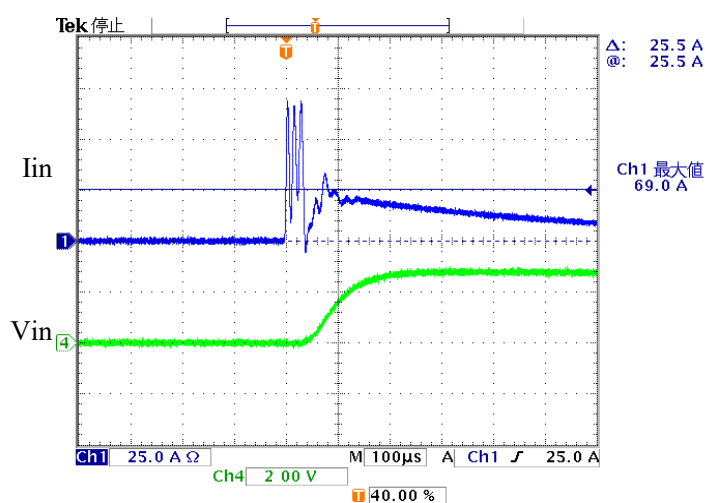
Iin : 2.5 A/DIV
Vin : 200 VAC/DIV
TIME : 10 ms/DIV

I_{max} : 4.4 A



Input Voltage : 200 VAC
Output Current : 100 %
Switch on phase angle : $\phi=90^\circ$

Iin : 25 A/DIV
Vin : 200 VAC/DIV
TIME : 10 ms/DIV

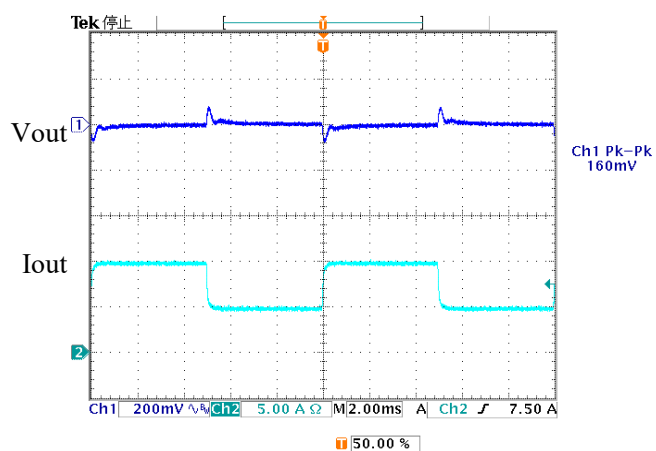


Input Voltage : 200 VAC
Output Current : 100 %
Switch on phase angle : $\phi=90^\circ$

Iin : 25 A/DIV
Vin : 200 VAC/DIV
TIME : 100 μ s/DIV

Dynamic Load Response Characteristics

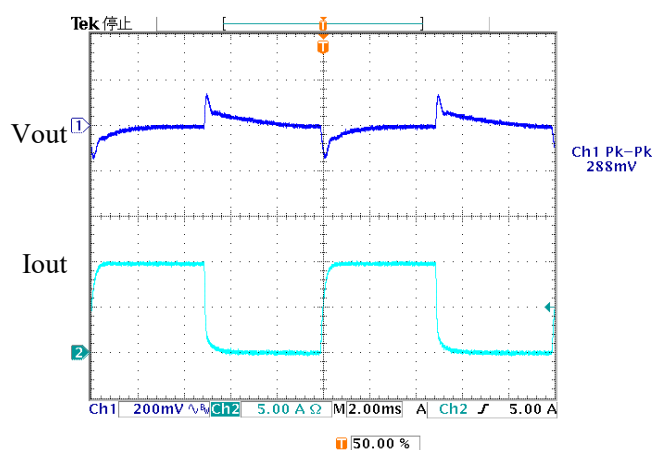
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 50 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 5.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 160 mV



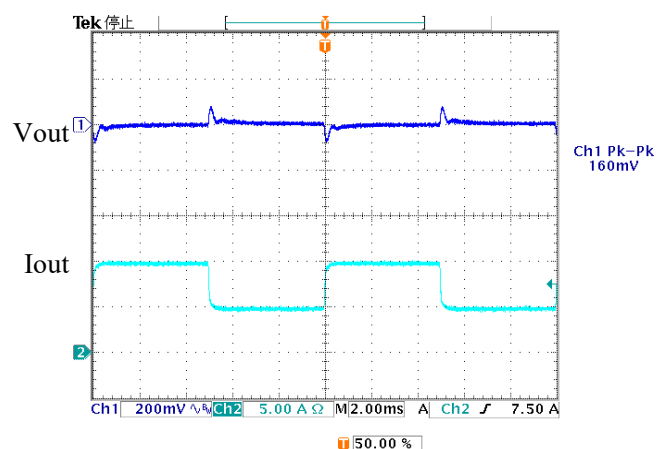
Input Voltage : 100 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 5.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 288 mV

Dynamic Load Response Characteristics

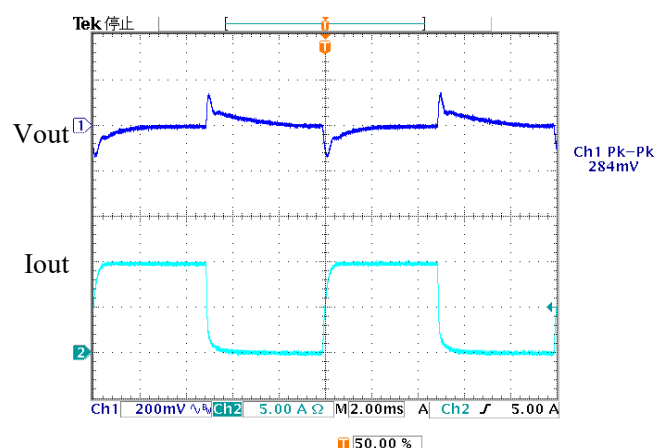
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 50 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 5.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 160 mV



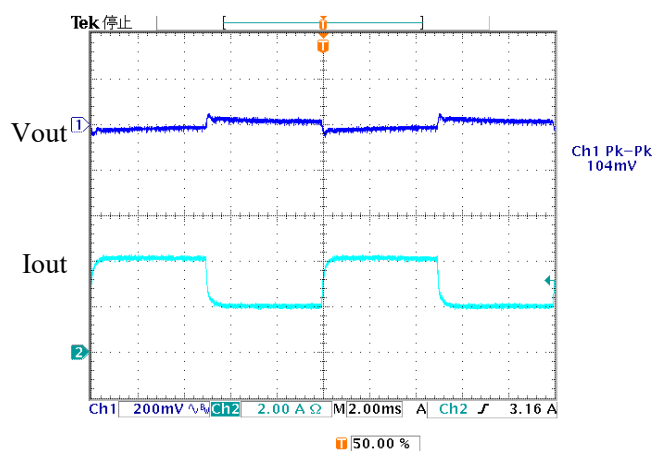
Input Voltage : 200 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 5.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 284 mV

Dynamic Load Response Characteristics

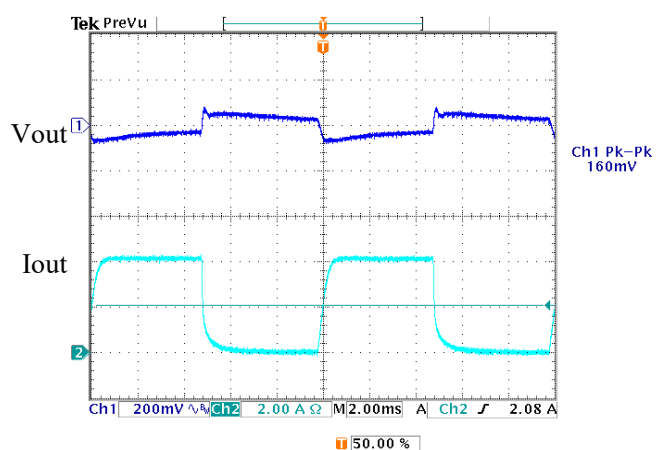
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 50 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 2.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 104 mV



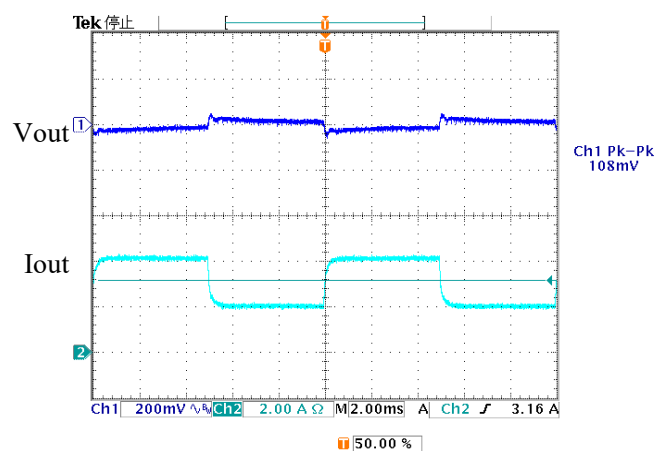
Input Voltage : 100 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 2.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 160 mV

Dynamic Load Response Characteristics

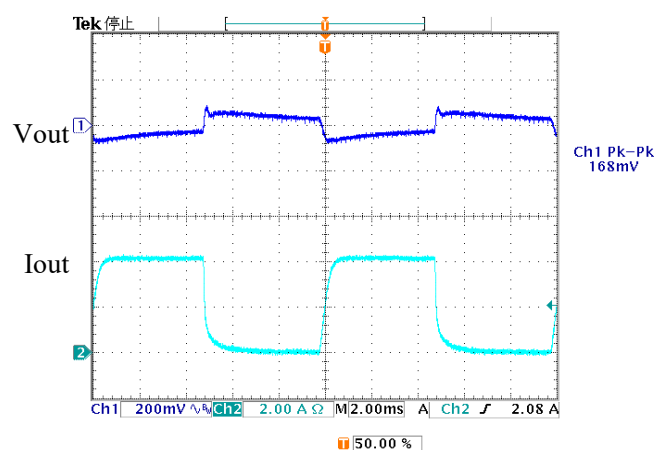
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 50 $\leftrightarrow$ 100 %

Vout : 200 mVAC/DIV
Iout : 2.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 108 mV



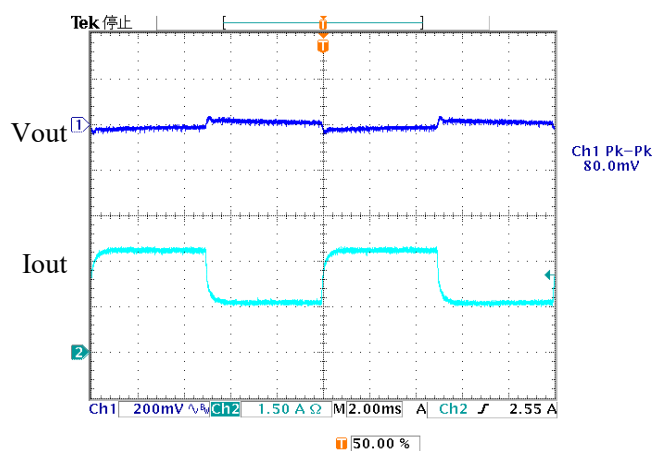
Input Voltage : 200 VAC
Output Current : 0 $\leftrightarrow$ 100 %

Vout : 200 mVAC/DIV
Iout : 2.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 168 mV

Dynamic Load Response Characteristics

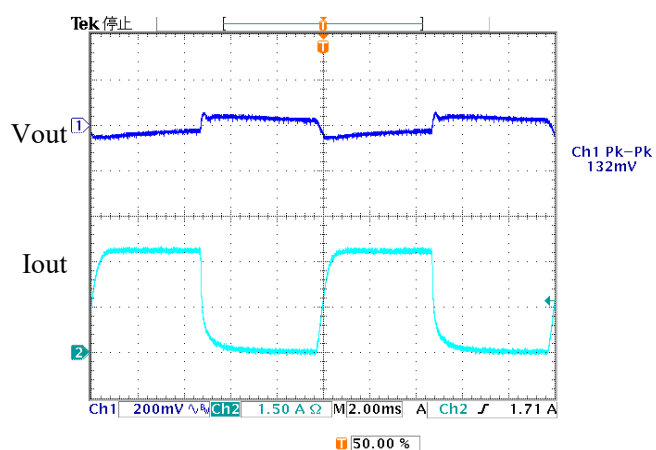
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 50 $\Leftrightarrow$ 100 %

Vout : 200 mVAC/DIV
Iout : 1.5 A/DIV
TIME : 2 ms/DIV

Vp-p : 80 mV



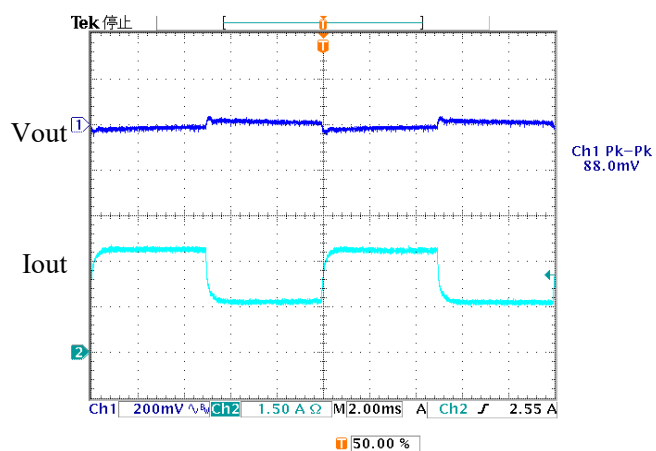
Input Voltage : 100 VAC
Output Current : 0 $\Leftrightarrow$ 100 %

Vout : 200 mVAC/DIV
Iout : 1.5 A/DIV
TIME : 2 ms/DIV

Vp-p : 132 mV

Dynamic Load Response Characteristics

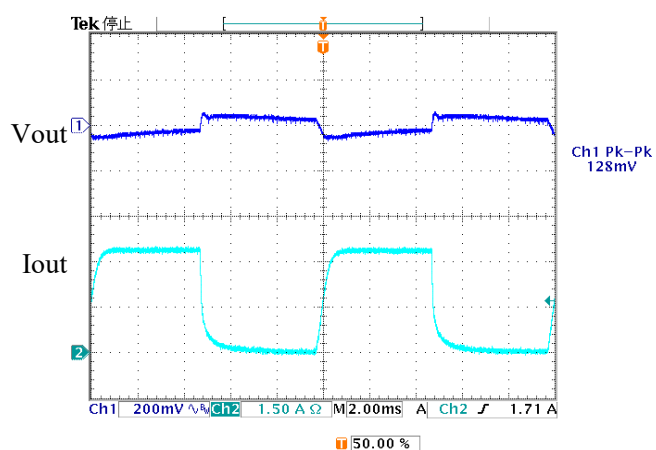
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 50 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 1.5 A/DIV
TIME : 2 ms/DIV

Vp-p : 88 mV



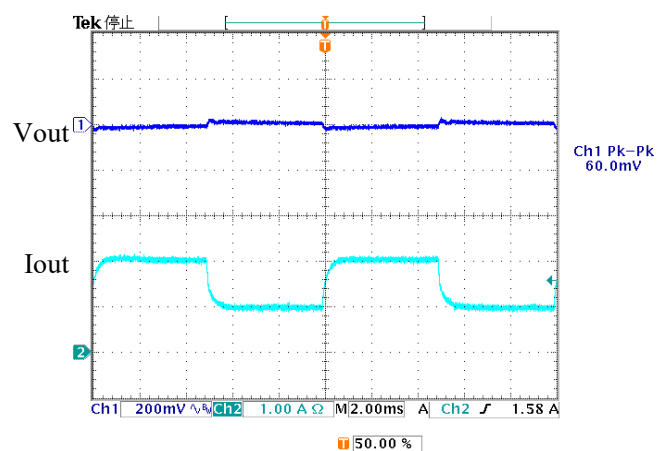
Input Voltage : 200 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 1.5 A/DIV
TIME : 2 ms/DIV

Vp-p : 128 mV

Dynamic Load Response Characteristics

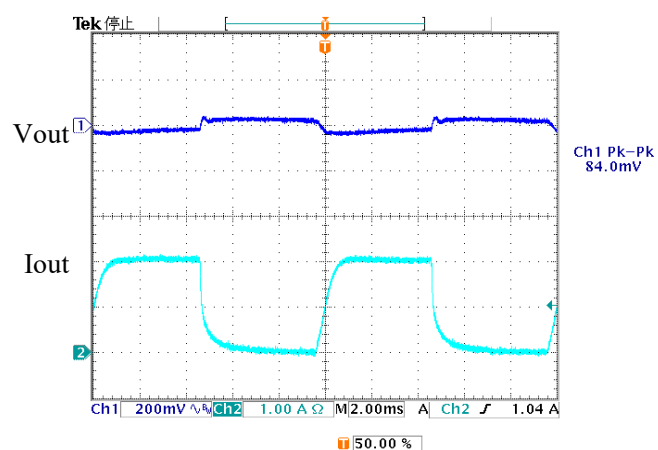
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 50 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 1.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 60 mV



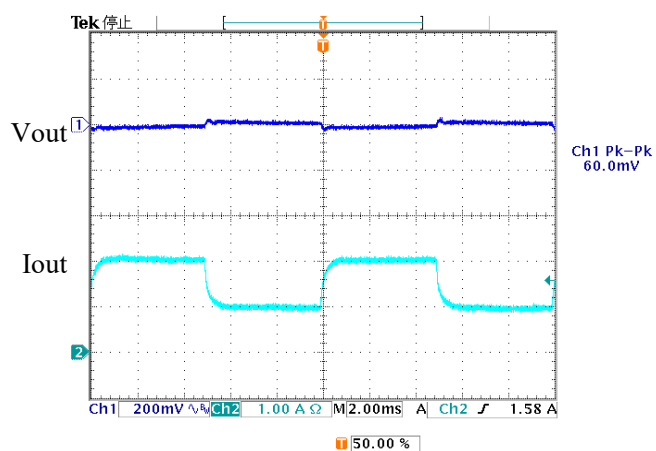
Input Voltage : 100 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 1.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 84 mV

Dynamic Load Response Characteristics

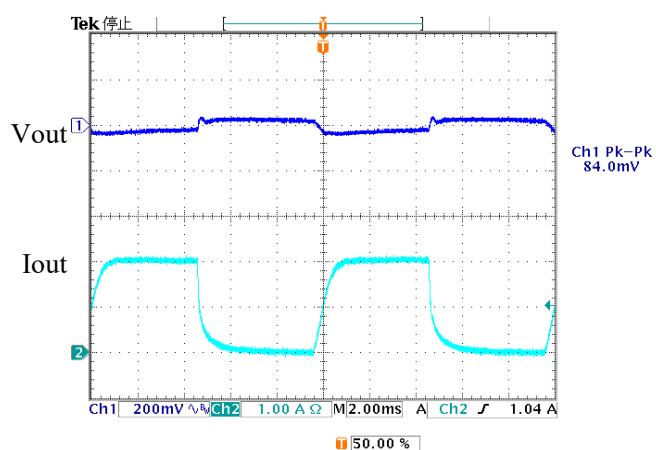
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 50 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 1.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 60 mV



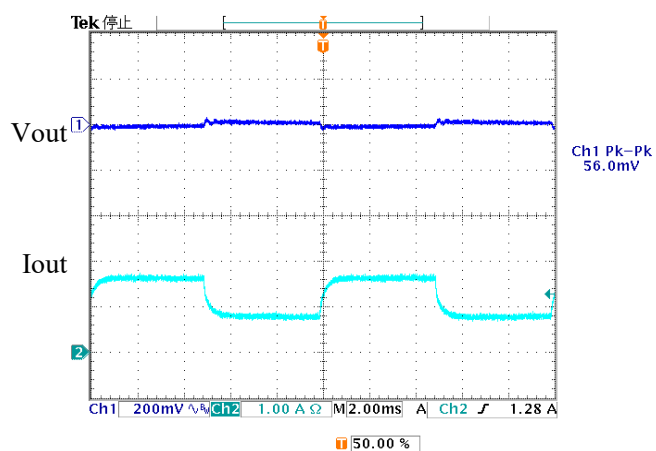
Input Voltage : 200 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 1.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 84 mV

Dynamic Load Response Characteristics

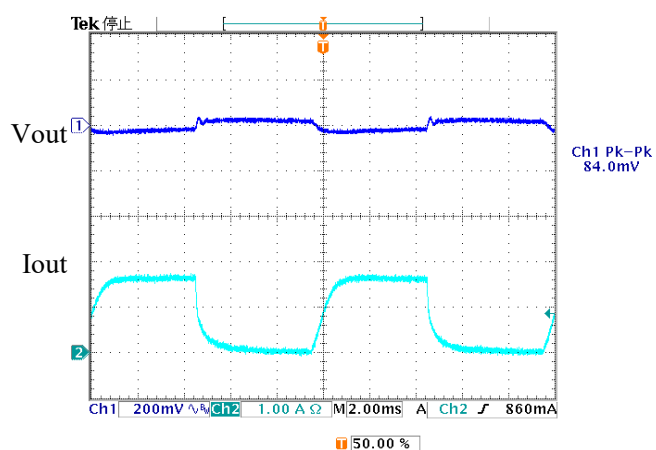
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 50 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 1.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 56 mV



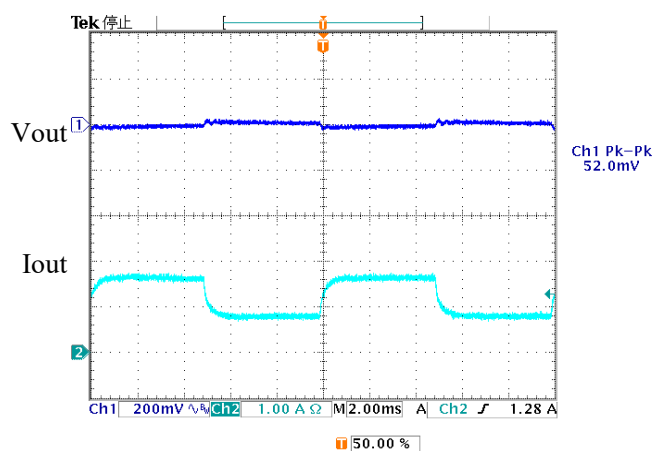
Input Voltage : 100 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 1.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 84 mV

Dynamic Load Response Characteristics

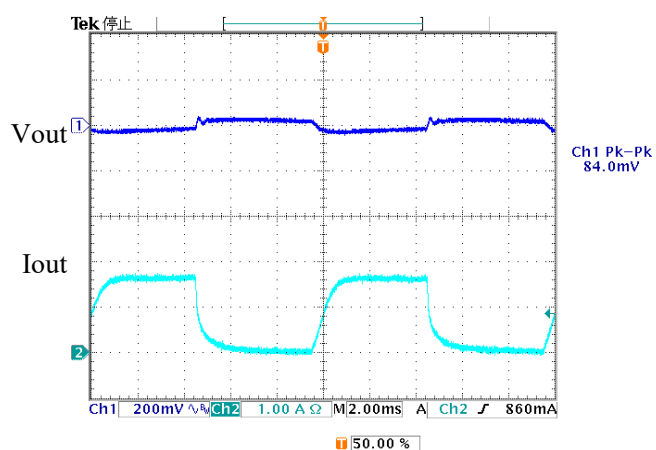
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 50 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 1.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 52 mV



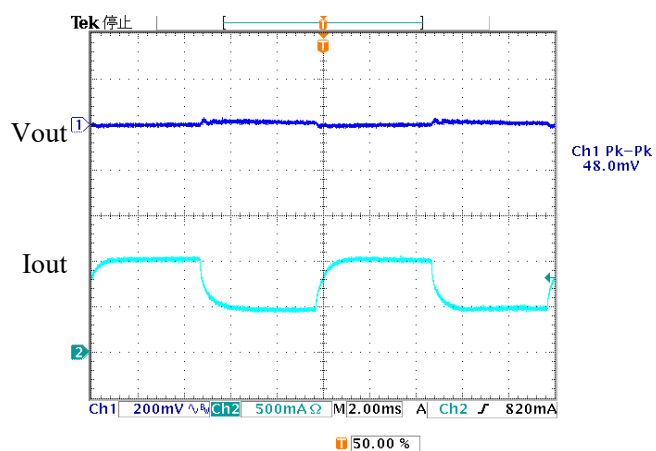
Input Voltage : 200 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 1.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 84 mV

Dynamic Load Response Characteristics

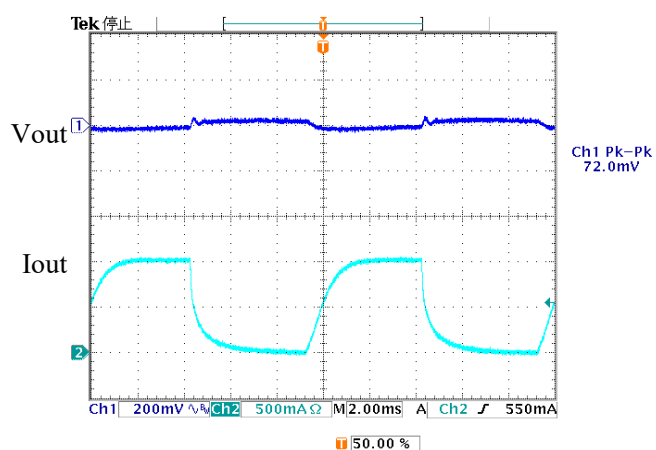
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 50 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 0.5 A/DIV
TIME : 2 ms/DIV

Vp-p : 48 mV



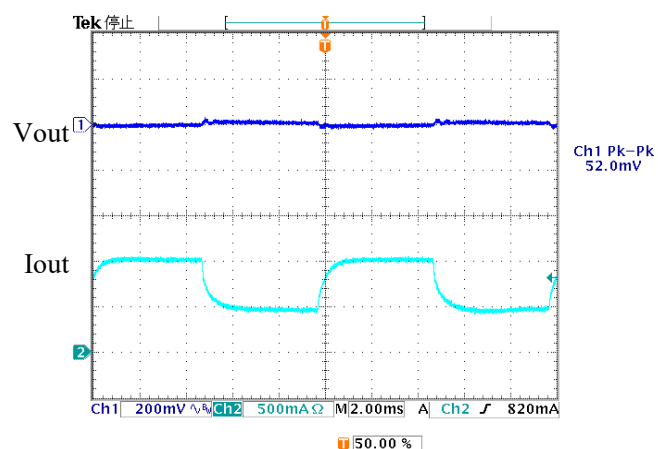
Input Voltage : 100 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 0.5 A/DIV
TIME : 2 ms/DIV

Vp-p : 72 mV

Dynamic Load Response Characteristics

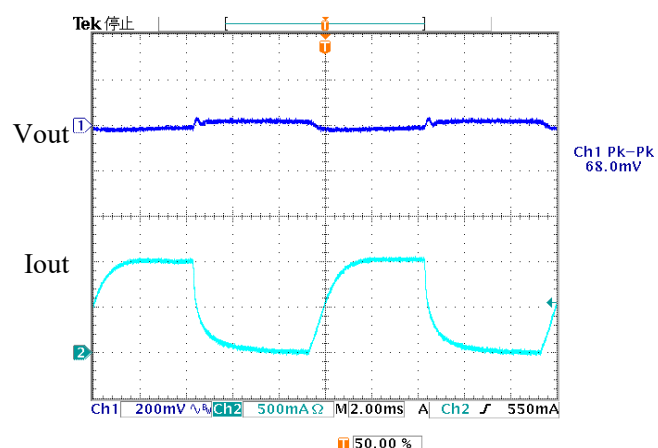
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 50 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 0.5 A/DIV
TIME : 2 ms/DIV

Vp-p : 52 mV



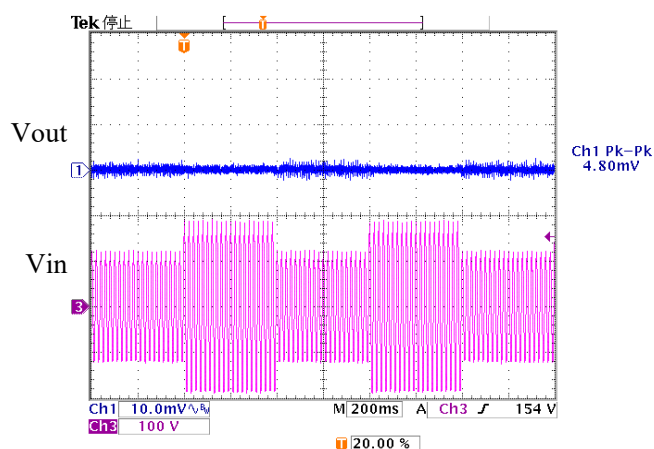
Input Voltage : 200 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 0.5 A/DIV
TIME : 2 ms/DIV

Vp-p : 68 mV

Dynamic Line Response Characteristics

Ta : 25°C

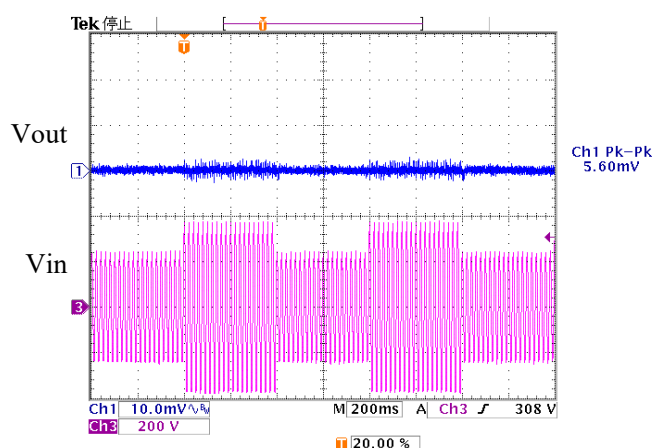


Input Voltage : 85 ⇔ 132 VAC
Output Current : 100 %

Vin : 100 VAC/DIV
Vout : 10 mVAC/DIV
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 4.8 mV



Input Voltage : 170 ⇔ 264 VAC
Output Current : 100 %

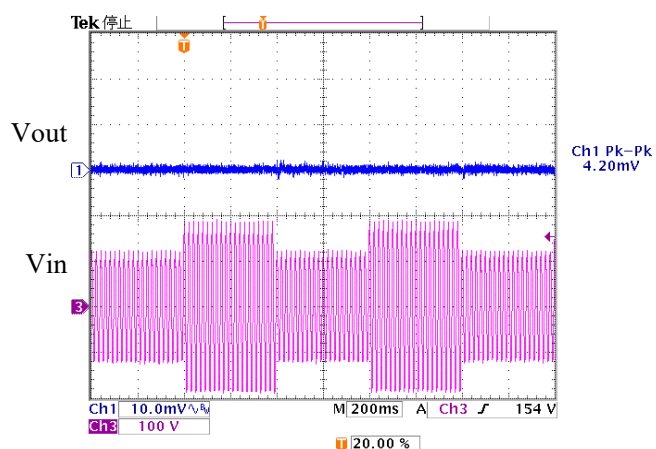
Vin : 200 VAC/DIV
Vout : 10 mVAC/DIV
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 5.6 mV

Dynamic Line Response Characteristics

Ta : 25°C



Input Voltage : 85 ⇔ 132 VAC

Output Current : 100 %

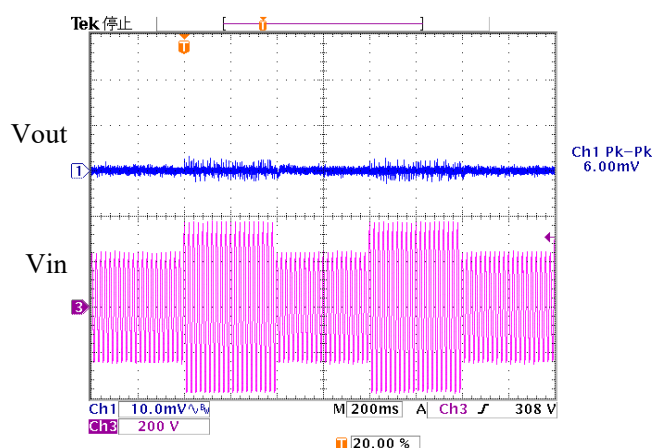
Vin : 100 VAC/DIV

Vout : 10 mVAC/DIV

TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 4.2 mV



Input Voltage : 170 ⇔ 264 VAC

Output Current : 100 %

Vin : 200 VAC/DIV

Vout : 10 mVAC/DIV

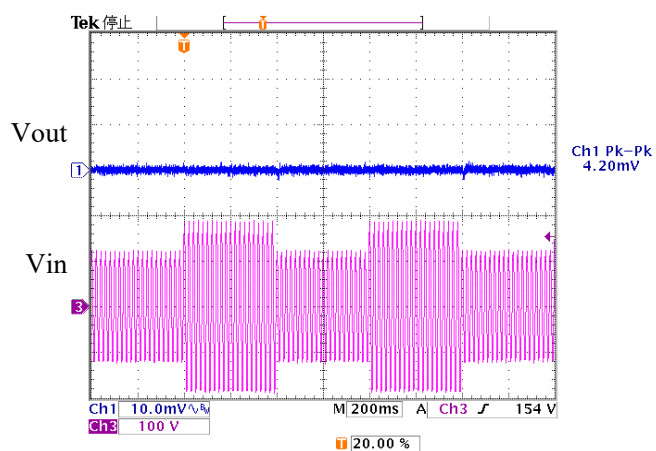
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 6.0 mV

Dynamic Line Response Characteristics

Ta : 25°C

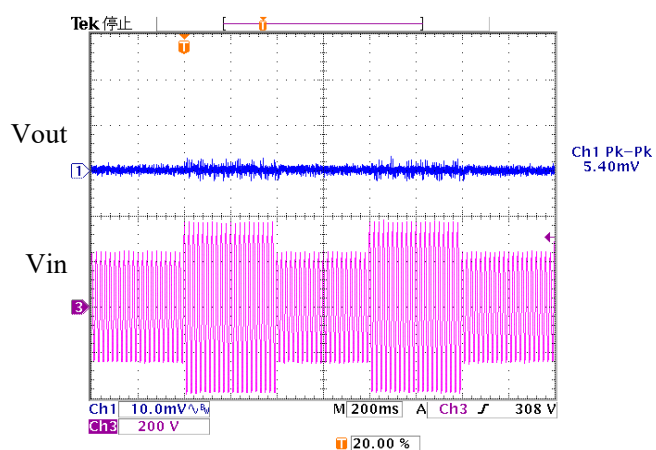


Input Voltage : 85 ⇔ 132 VAC
Output Current : 100 %

Vin : 100 VAC/DIV
Vout : 10 mVAC/DIV
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 4.2 mV



Input Voltage : 170 ⇔ 264 VAC
Output Current : 100 %

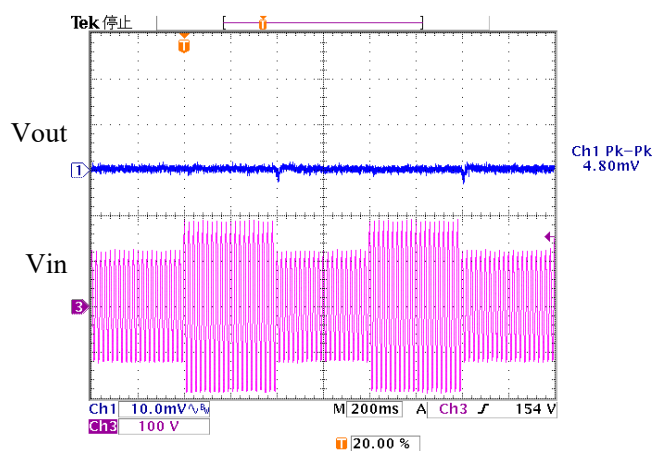
Vin : 200 VAC/DIV
Vout : 10 mVAC/DIV
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 5.4 mV

Dynamic Line Response Characteristics

Ta : 25°C



Input Voltage : 85 ⇔ 132 VAC

Output Current : 100 %

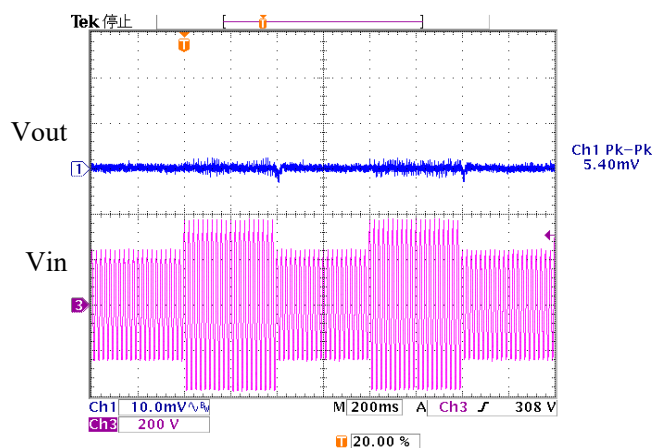
Vin : 100 VAC/DIV

Vout : 10 mVAC/DIV

TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 4.8 mV



Input Voltage : 170 ⇔ 264 VAC

Output Current : 100 %

Vin : 200 VAC/DIV

Vout : 10 mVAC/DIV

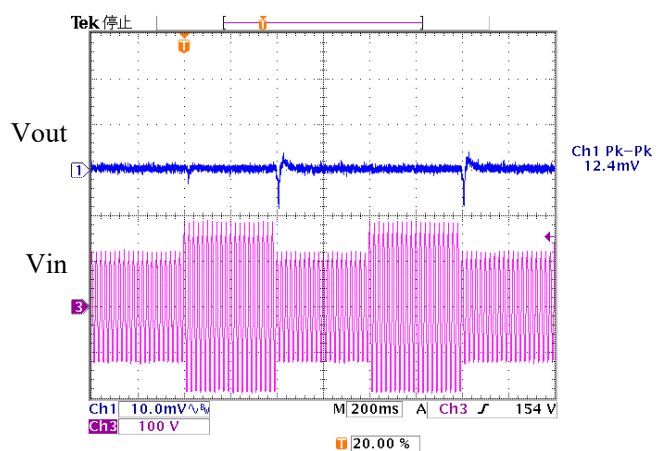
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 5.4 mV

Dynamic Line Response Characteristics

Ta : 25°C



Input Voltage : 85 ⇔ 132 VAC

Output Current : 100 %

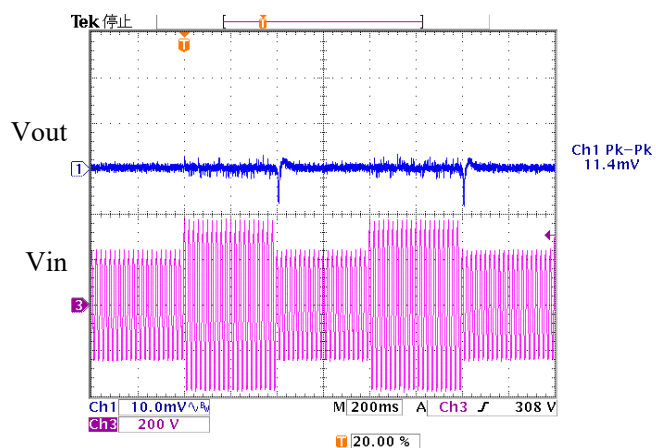
Vin : 100 VAC/DIV

Vout : 10 mVAC/DIV

TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 12.4 mV



Input Voltage : 170 ⇔ 264 VAC

Output Current : 100 %

Vin : 200 VAC/DIV

Vout : 10 mVAC/DIV

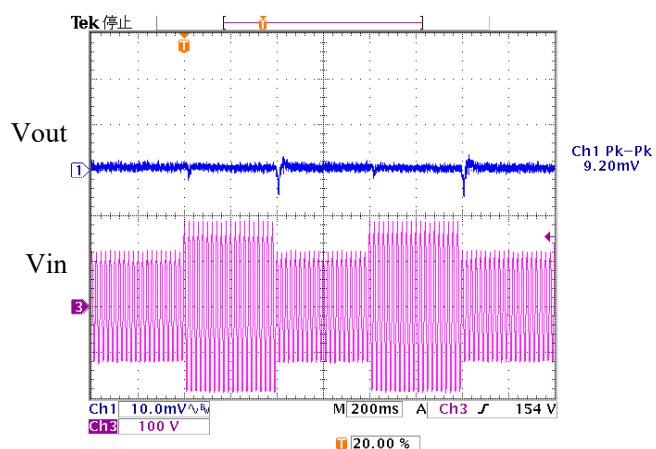
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 11.4 mV

Dynamic Line Response Characteristics

Ta : 25°C

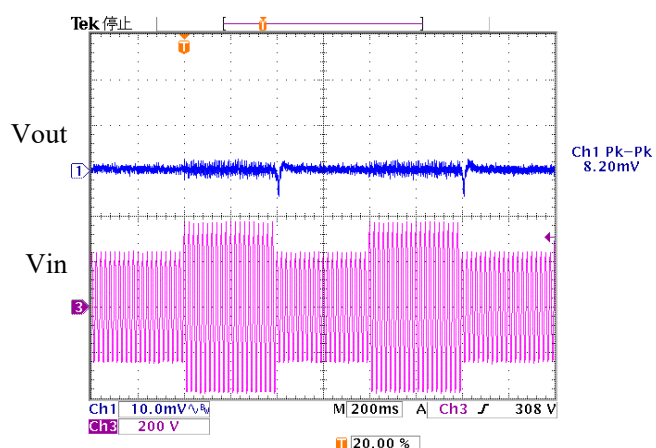


Input Voltage : 85 ⇔ 132 VAC
Output Current : 100 %

Vin : 100 VAC/DIV
Vout : 10 mVAC/DIV
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 9.2 mV



Input Voltage : 170 ⇔ 264 VAC
Output Current : 100 %

Vin : 200 VAC/DIV
Vout : 10 mVAC/DIV
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 8.2 mV

Leakage Current Characteristics

Measurement Condition

Input Voltage : 85 - 264VAC

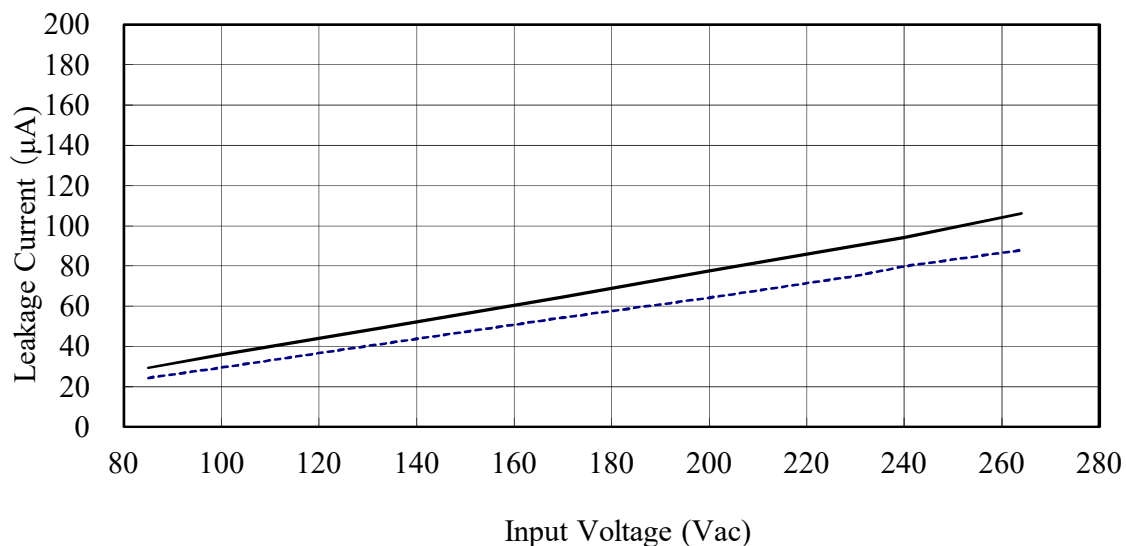
Output Current : 0% load

Ta : 25°C

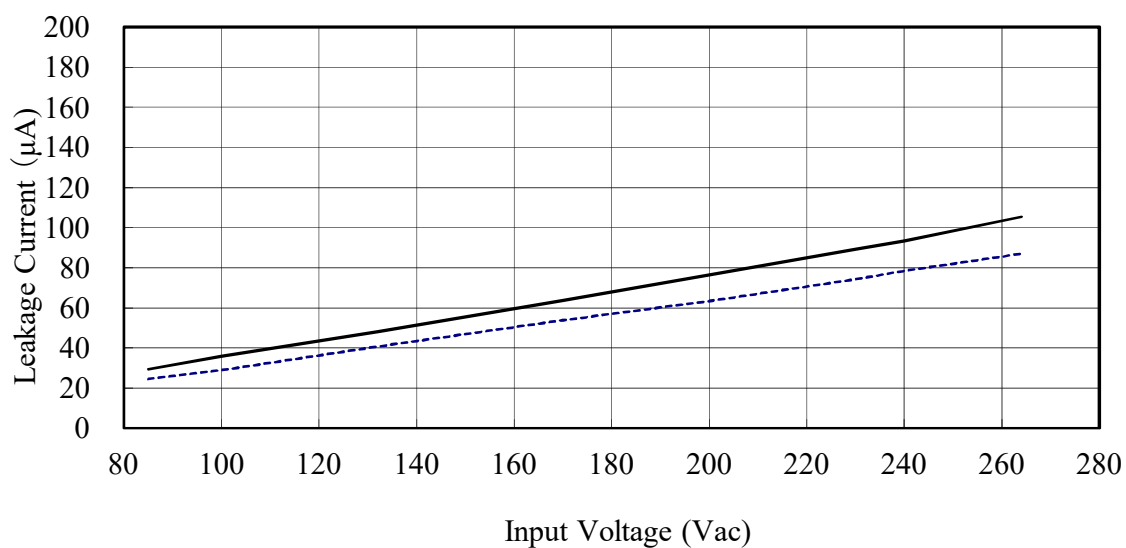
f : 50Hz -----

f : 60Hz ———

■ L-FG



■ N-FG



Measurement Position

