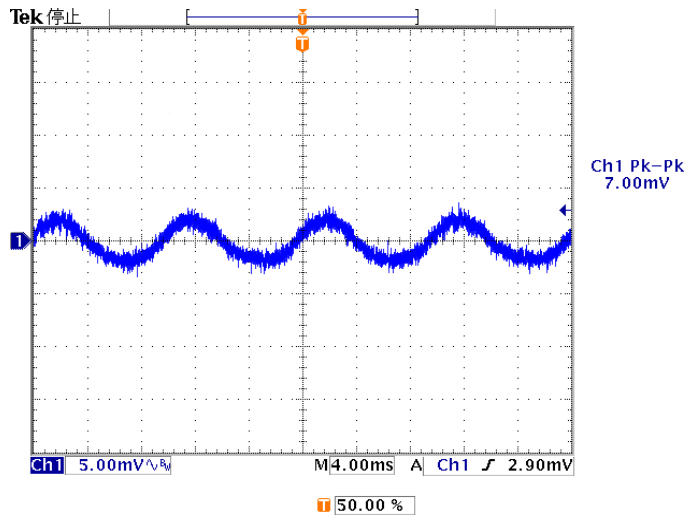


Output Ripple and Noise Waveform

Ta : 25°C



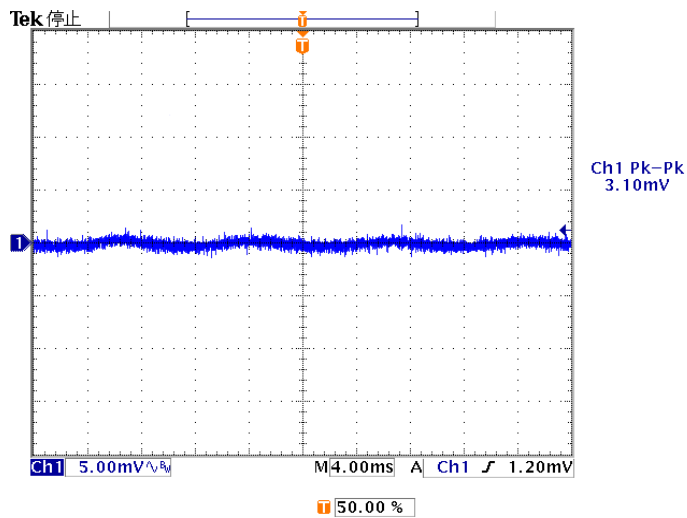
Input Voltage : 100 VAC
Output Current : 100 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 7.0 mV



Input Voltage : 100 VAC
Output Current : 0 %

Vout : 5 mVAC/DIV

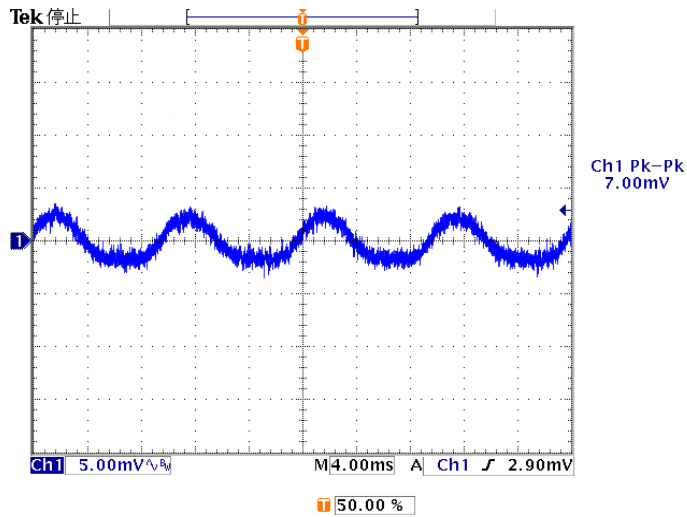
TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 3.1 mV

Output Ripple and Noise Waveform

Ta : 25°C



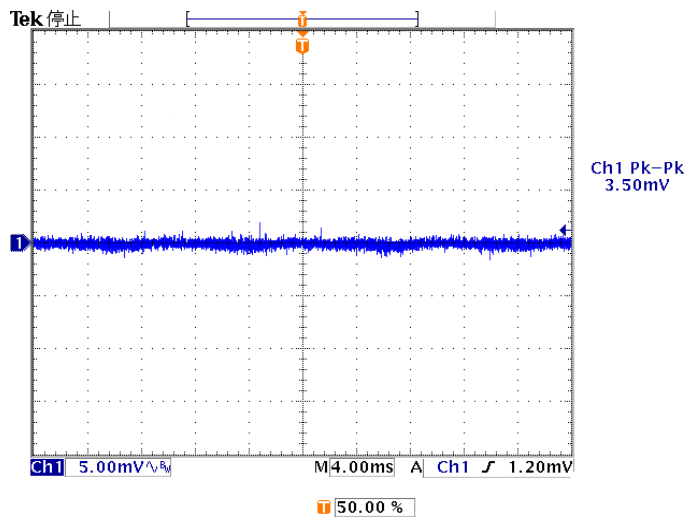
Input Voltage : 200 VAC
Output Current : 100 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 7.0 mV



Input Voltage : 200 VAC
Output Current : 0 %

Vout : 5 mVAC/DIV

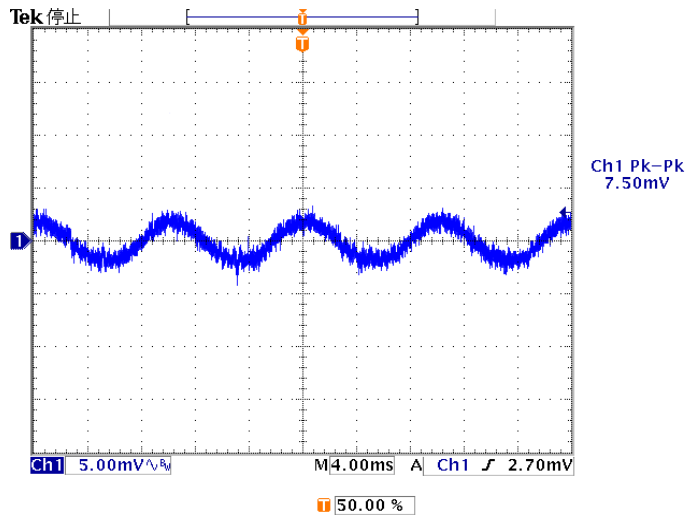
TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 3.5 mV

Output Ripple and Noise Waveform

Ta : 25°C



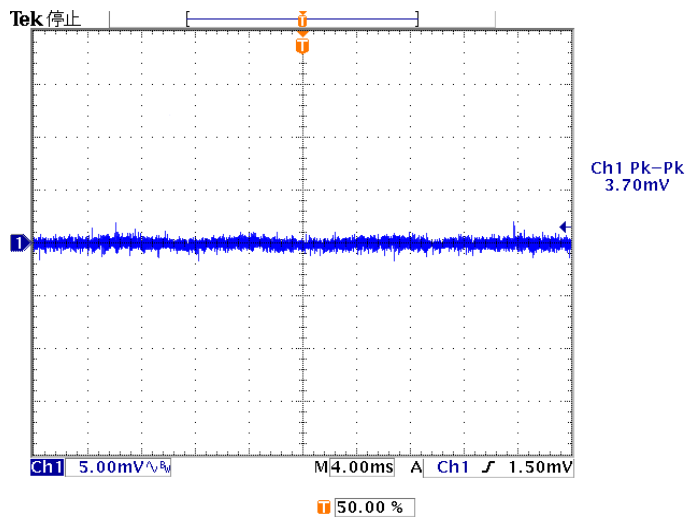
Input Voltage : 100 VAC
Output Current : 100 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 7.5 mV



Input Voltage : 100 VAC
Output Current : 0 %

Vout : 5 mVAC/DIV

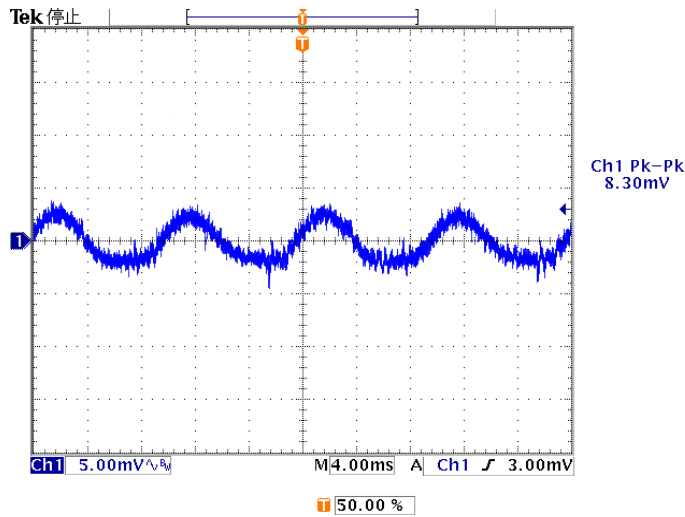
TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 3.7 mV

Output Ripple and Noise Waveform

Ta : 25°C



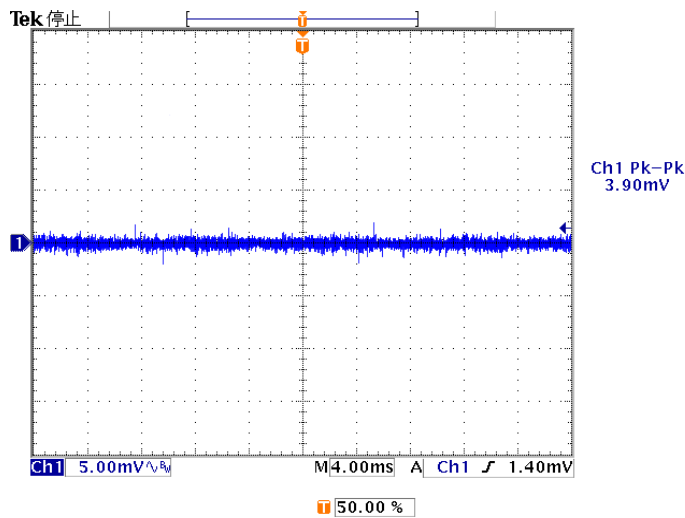
Input Voltage : 200 VAC
Output Current : 100 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 8.3 mV



Input Voltage : 200 VAC
Output Current : 0 %

Vout : 5 mVAC/DIV

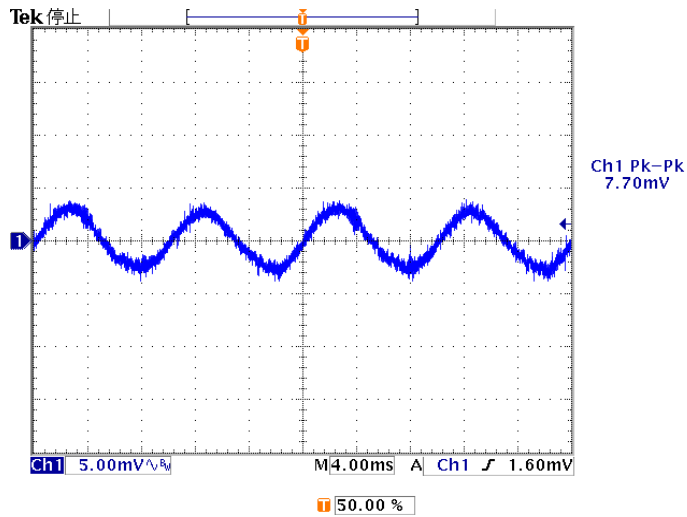
TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 3.9 mV

Output Ripple and Noise Waveform

Ta : 25°C



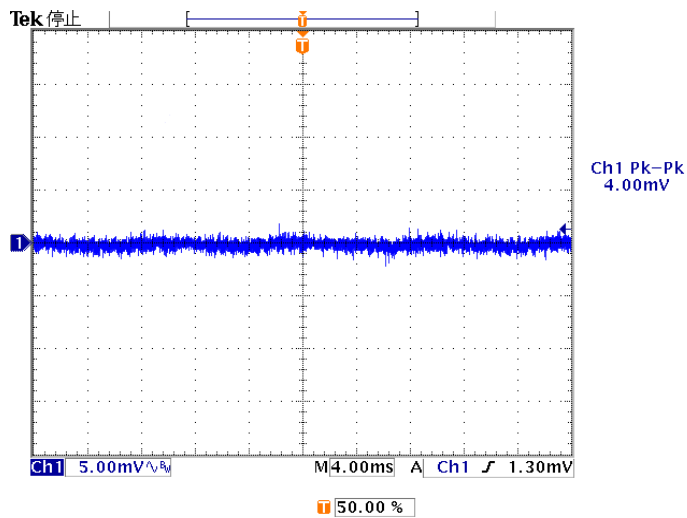
Input Voltage : 100 VAC
Output Current : 100 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 7.7 mV



Input Voltage : 100 VAC
Output Current : 0 %

Vout : 5 mVAC/DIV

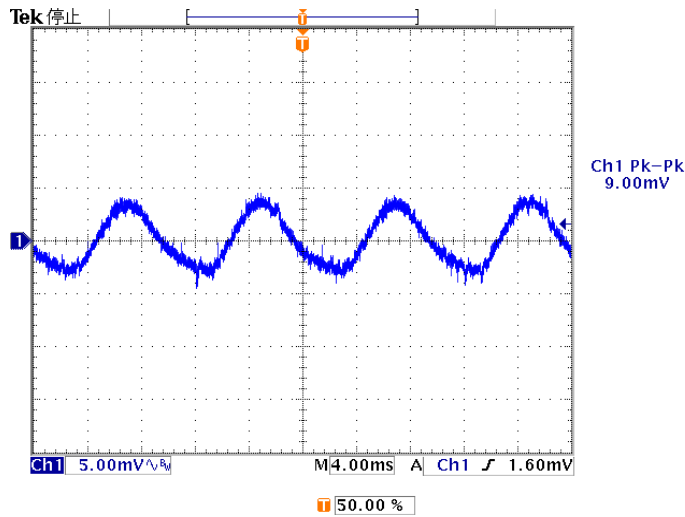
TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 4.0 mV

Output Ripple and Noise Waveform

Ta : 25°C



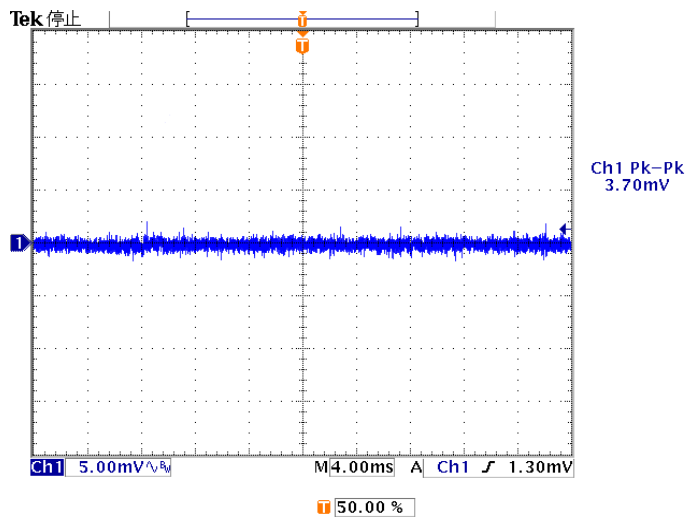
Input Voltage : 200 VAC
Output Current : 100 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 9.0 mV



Input Voltage : 200 VAC
Output Current : 0 %

Vout : 5 mVAC/DIV

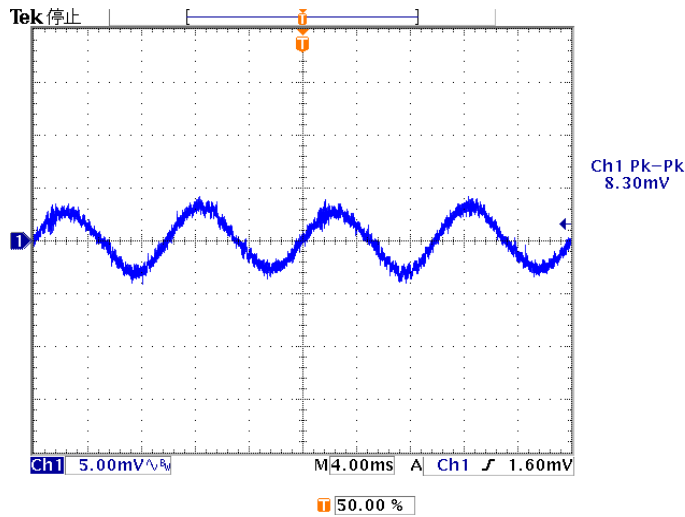
TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 3.7 mV

Output Ripple and Noise Waveform

Ta : 25°C



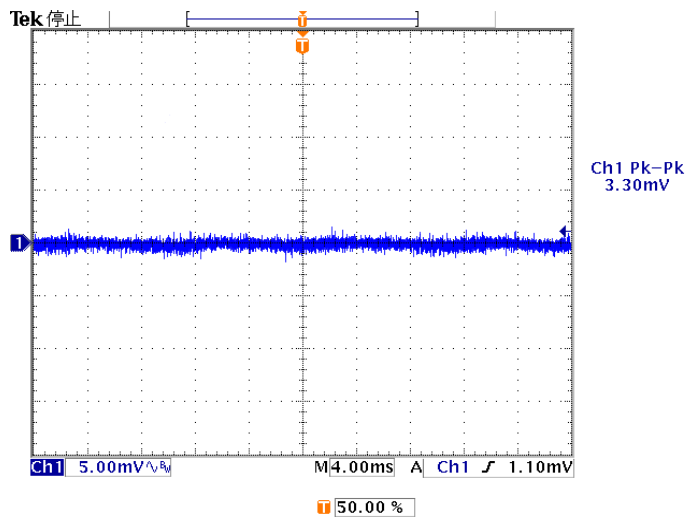
Input Voltage : 100 VAC
Output Current : 100 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 8.3 mV



Input Voltage : 100 VAC
Output Current : 0 %

Vout : 5 mVAC/DIV

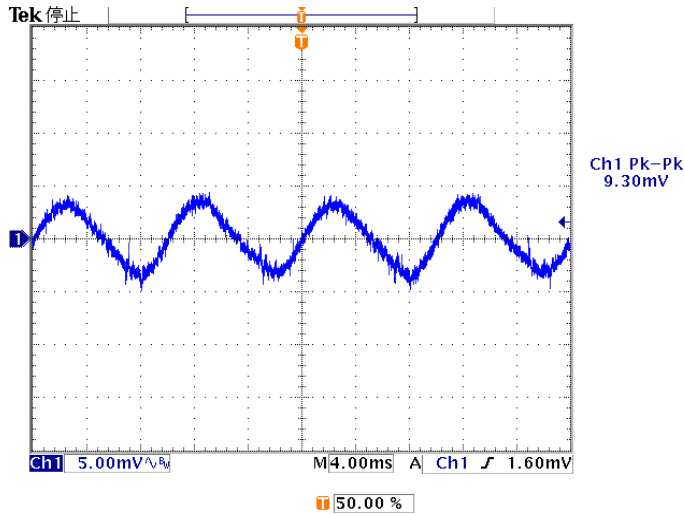
TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 3.3 mV

Output Ripple and Noise Waveform

Ta : 25°C



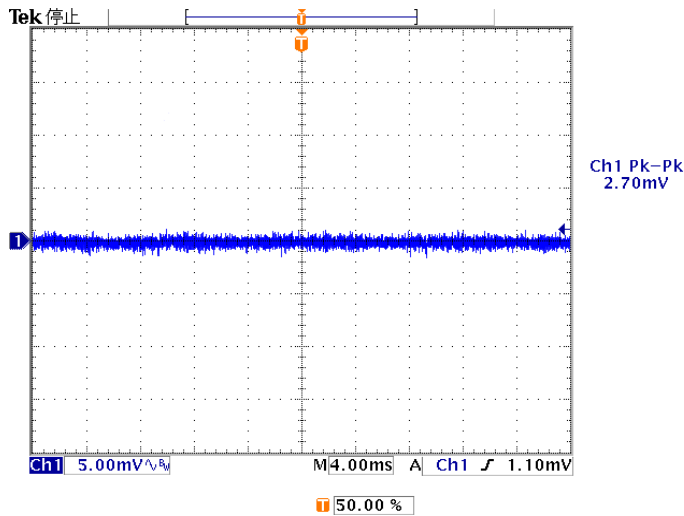
Input Voltage : 200 VAC
Output Current : 100 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 9.3 mV



Input Voltage : 200 VAC
Output Current : 0 %

Vout : 5 mVAC/DIV

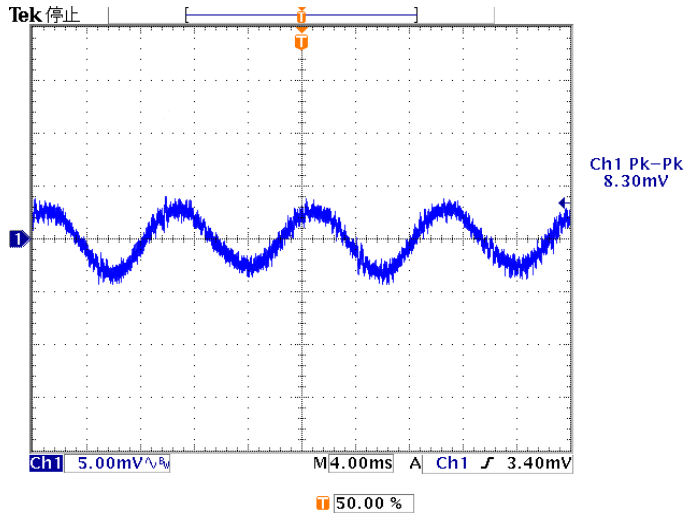
TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 2.7 mV

Output Ripple and Noise Waveform

Ta : 25°C



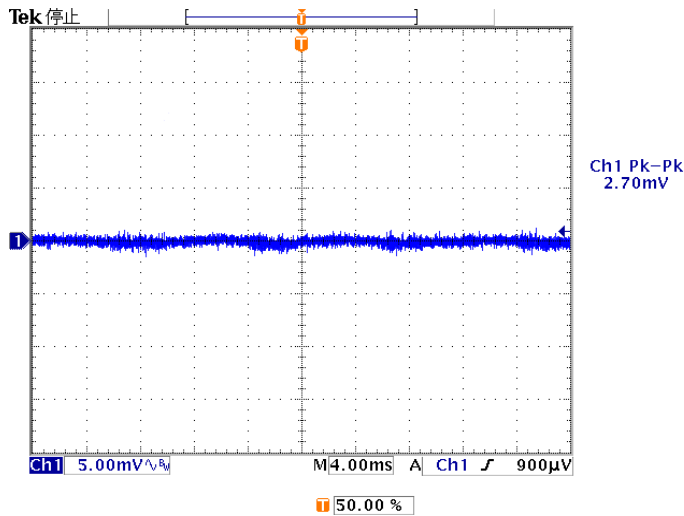
Input Voltage : 100 VAC
Output Current : 100 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 8.3 mV



Input Voltage : 100 VAC
Output Current : 0 %

Vout : 5 mVAC/DIV

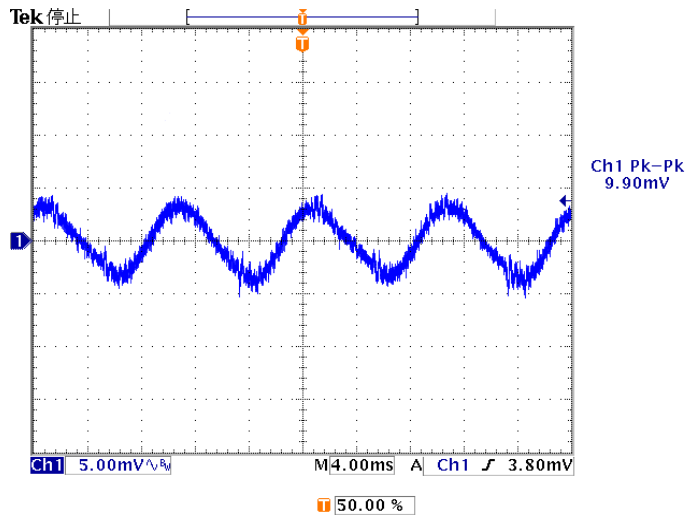
TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 2.7 mV

Output Ripple and Noise Waveform

Ta : 25°C



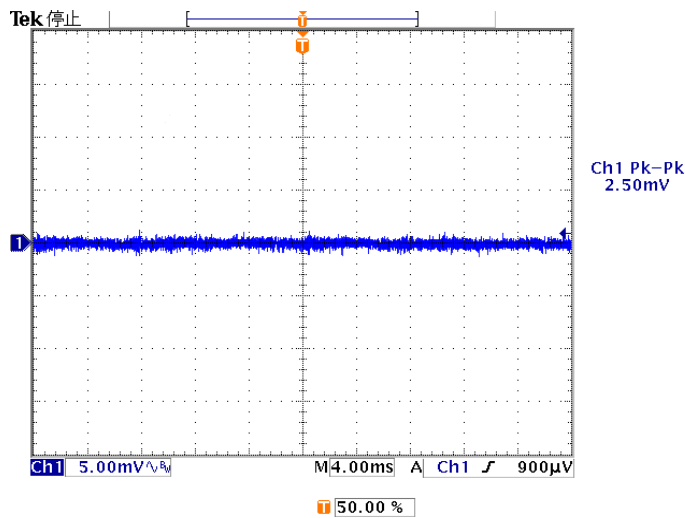
Input Voltage : 200 VAC
Output Current : 100 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 9.9 mV



Input Voltage : 200 VAC
Output Current : 0 %

Vout : 5 mVAC/DIV

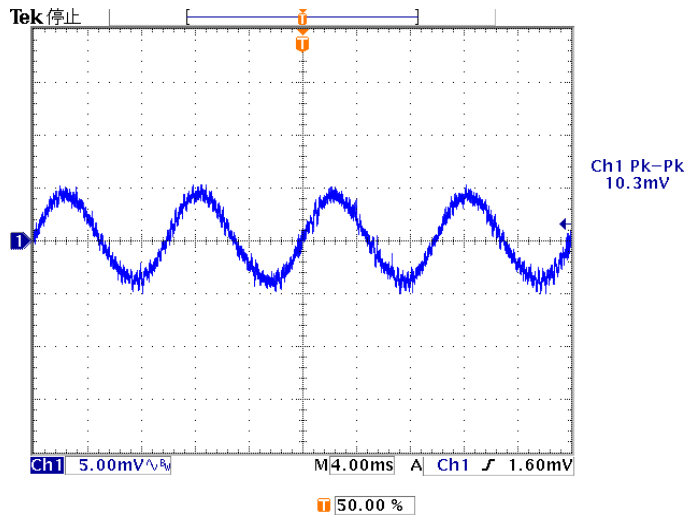
TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 2.5 mV

Output Ripple and Noise Waveform

Ta : 25°C



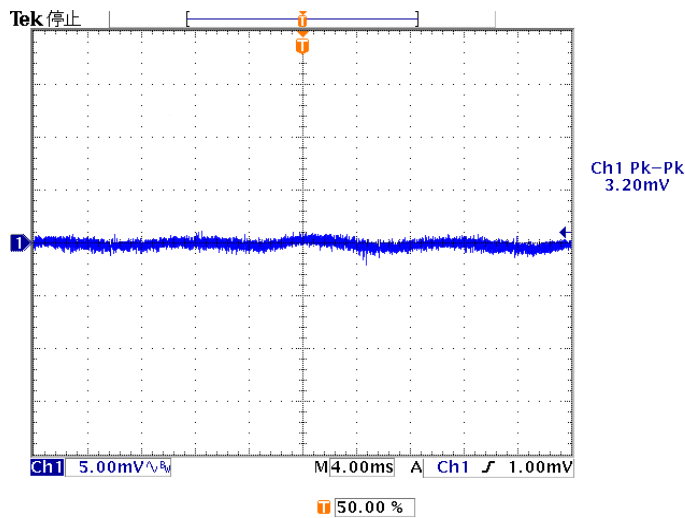
Input Voltage : 100 VAC
Output Current : 100 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 10.3 mV



Input Voltage : 100 VAC
Output Current : 0 %

Vout : 5 mVAC/DIV

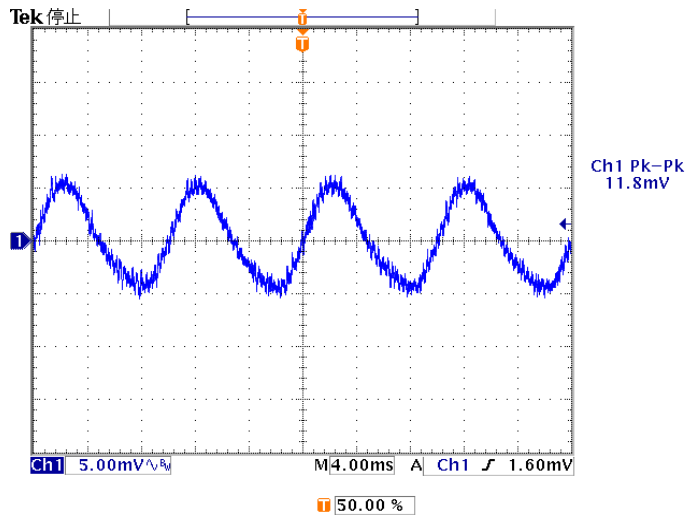
TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 3.2 mV

Output Ripple and Noise Waveform

Ta : 25°C



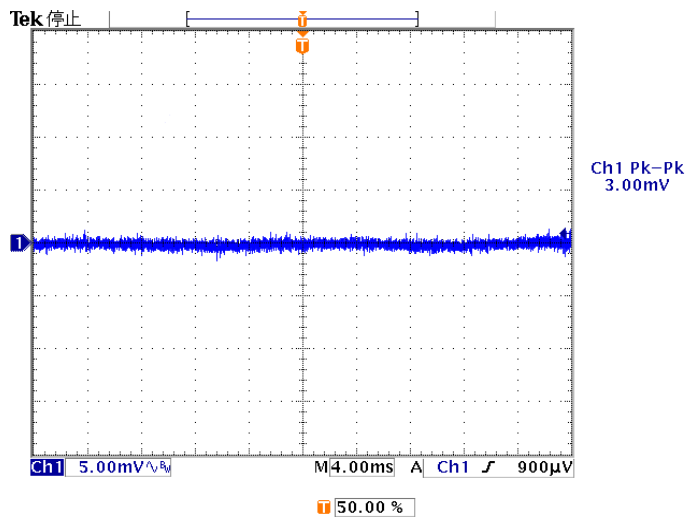
Input Voltage : 200 VAC
Output Current : 100 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

BW : 150 MHz

Vp-p : 11.8 mV



Input Voltage : 200 VAC
Output Current : 0 %

Vout : 5 mVAC/DIV

TIME : 4 ms/DIV

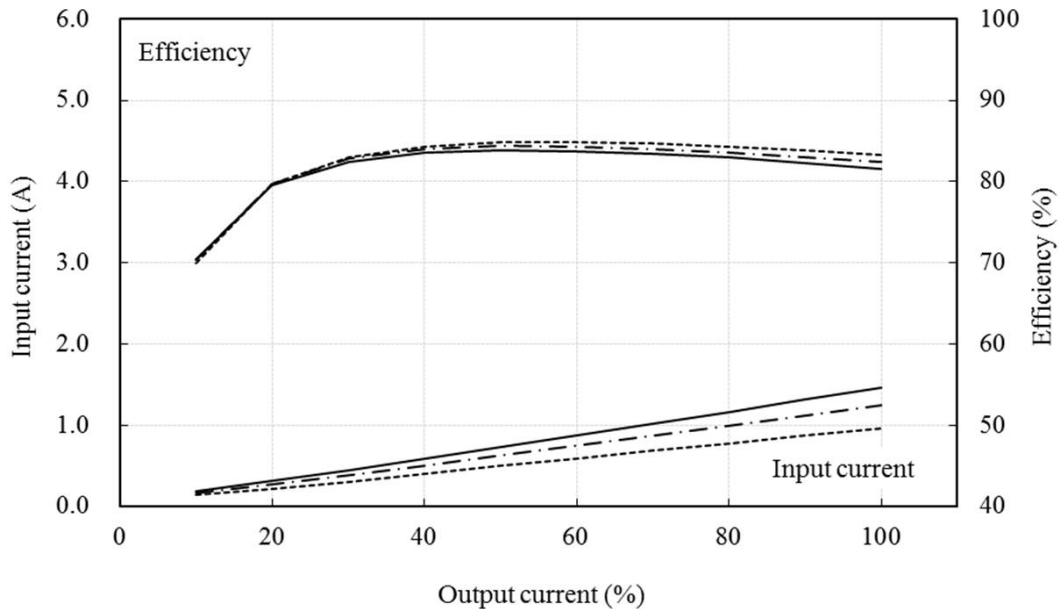
BW : 150 MHz

Vp-p : 3.0 mV

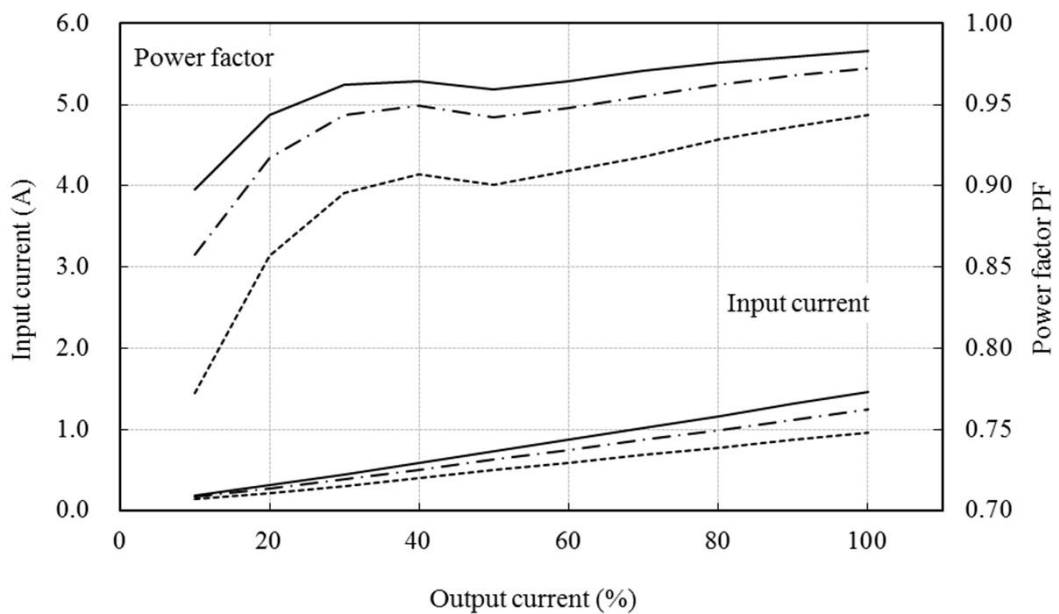
η and PF , input current v.s. output current

25°C

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



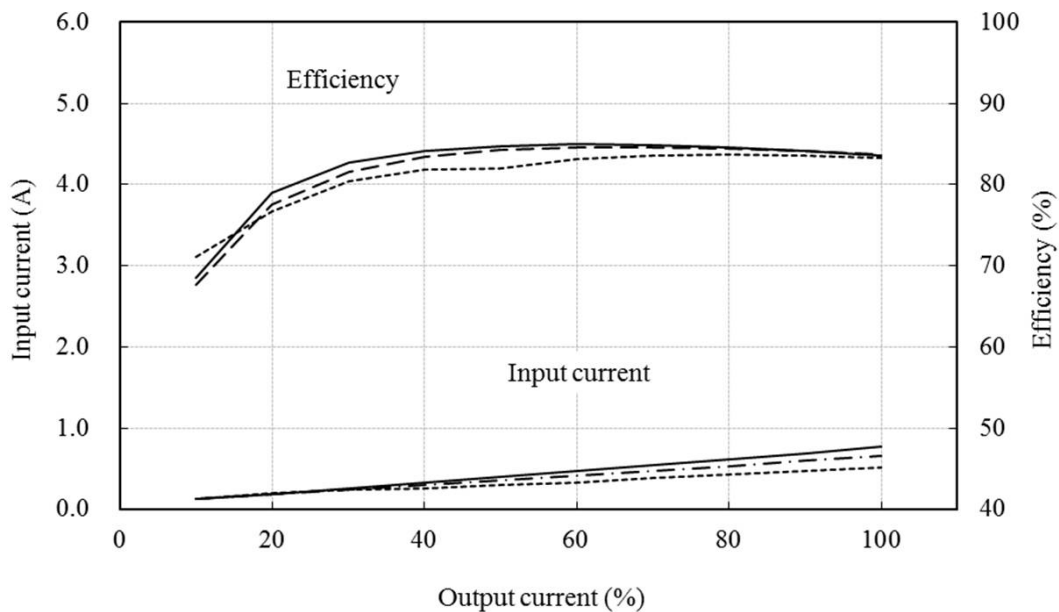
conditions Vin : 85VAC ———
 : 100VAC - · - · - ·
 : 132VAC - - - - -



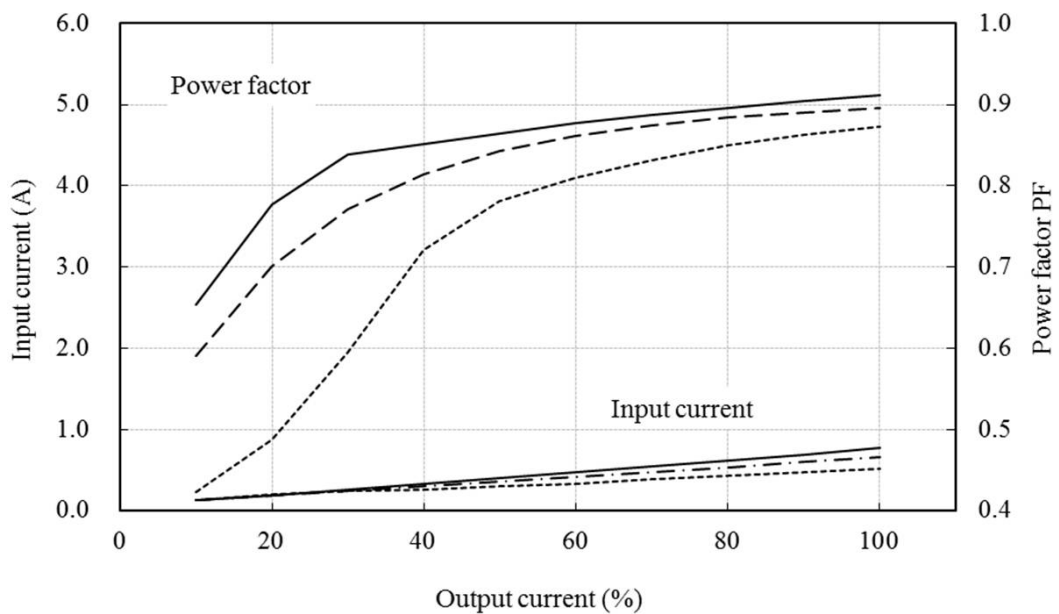
η and PF , input current v.s. output current

25°C

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



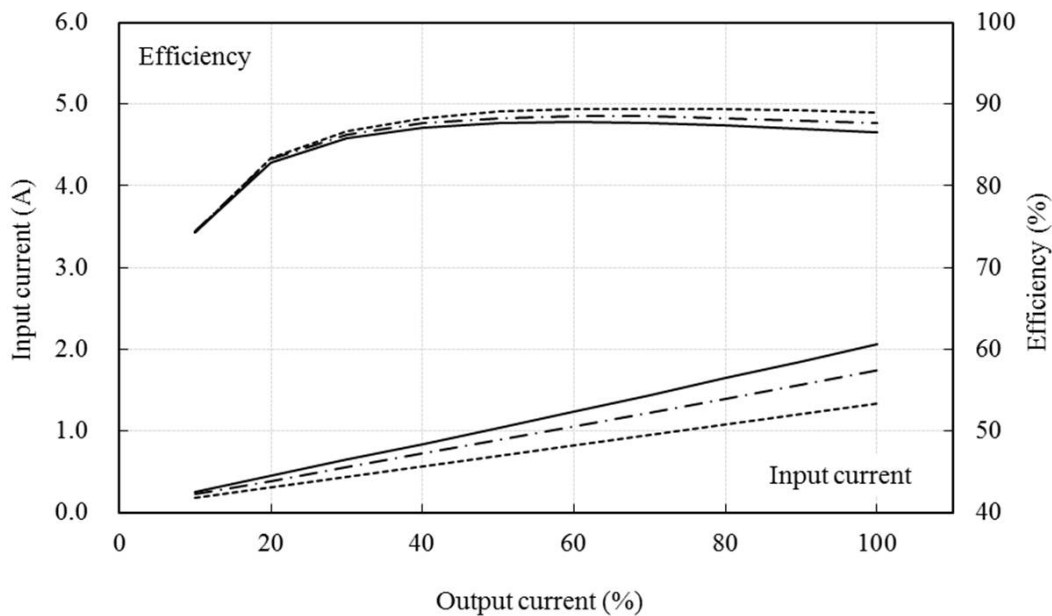
conditions Vin : 170VAC ———
 : 200VAC - · - · - ·
 : 264VAC - - - - -



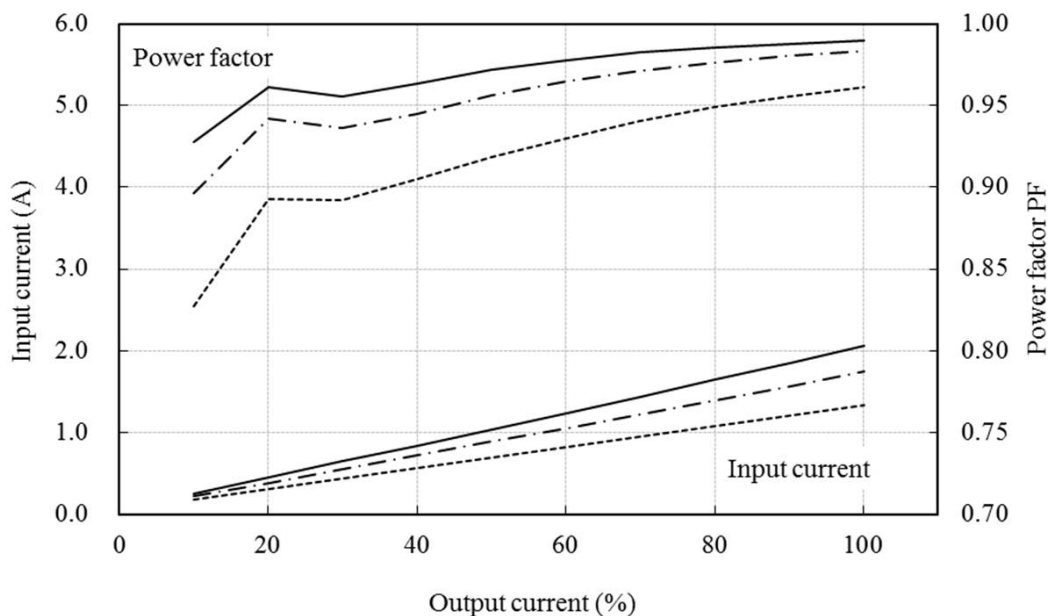
η and PF , input current v.s. output current

25°C

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



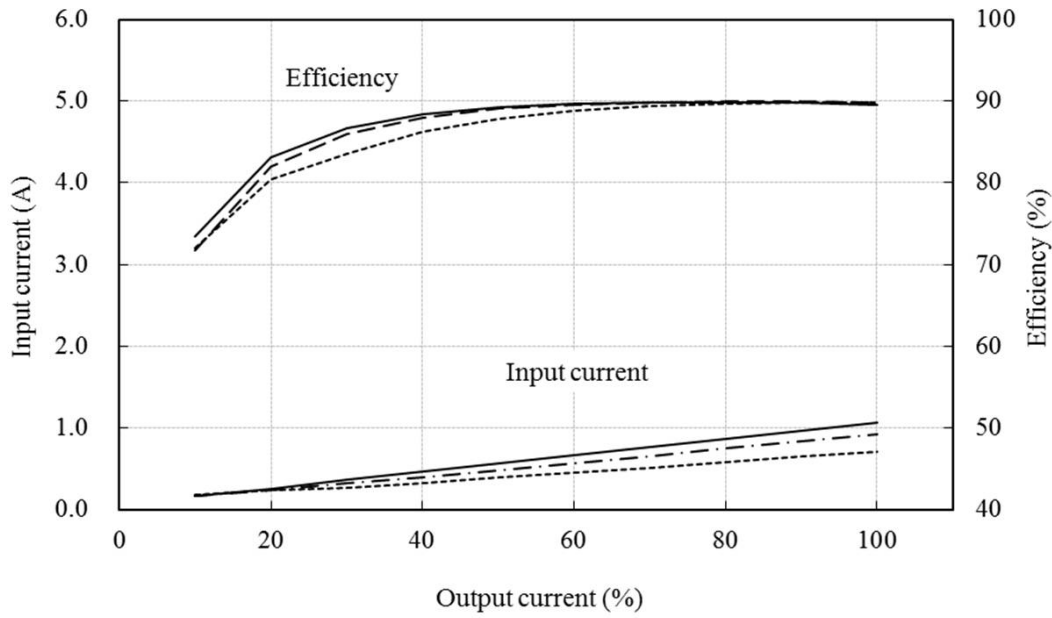
conditions Vin : 85VAC ———
 : 100VAC - - - - -
 : 132VAC - - - - -



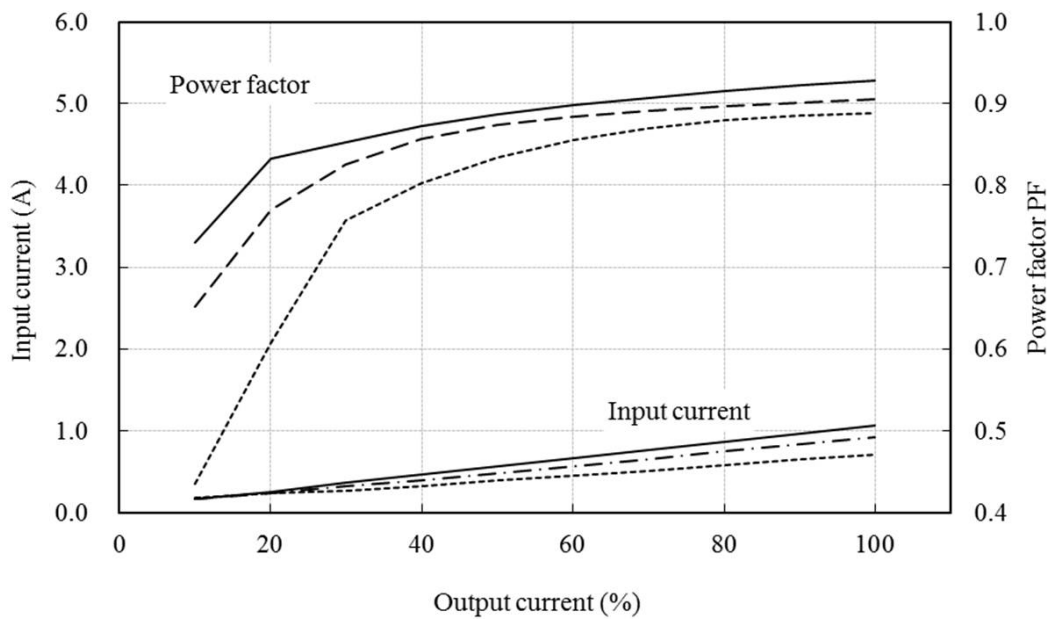
η and PF , input current v.s. output current

25°C

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



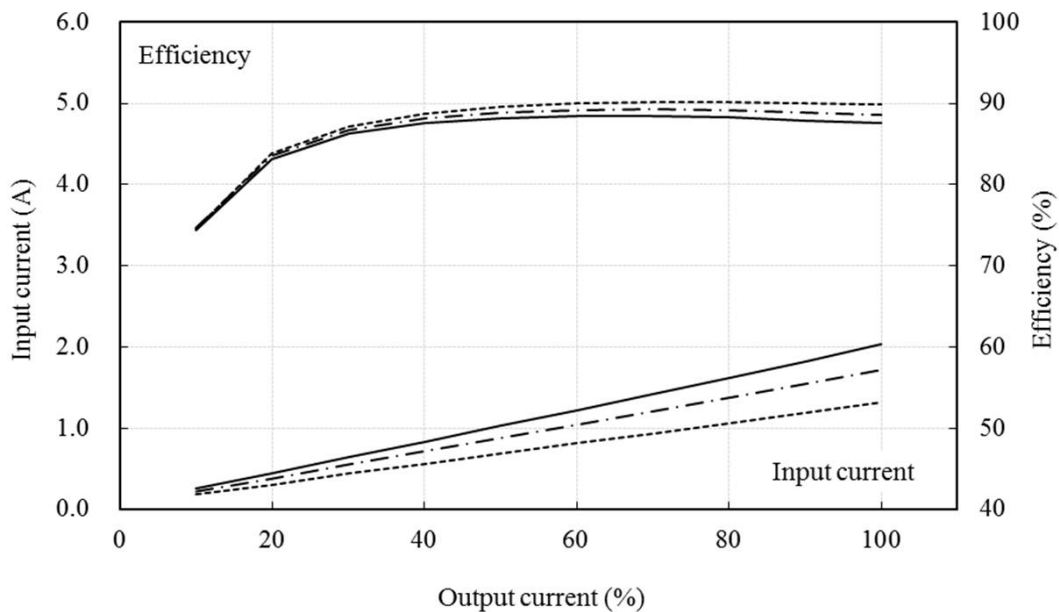
conditions Vin : 170VAC ———
 : 200VAC - · - · - ·
 : 264VAC - - - - -



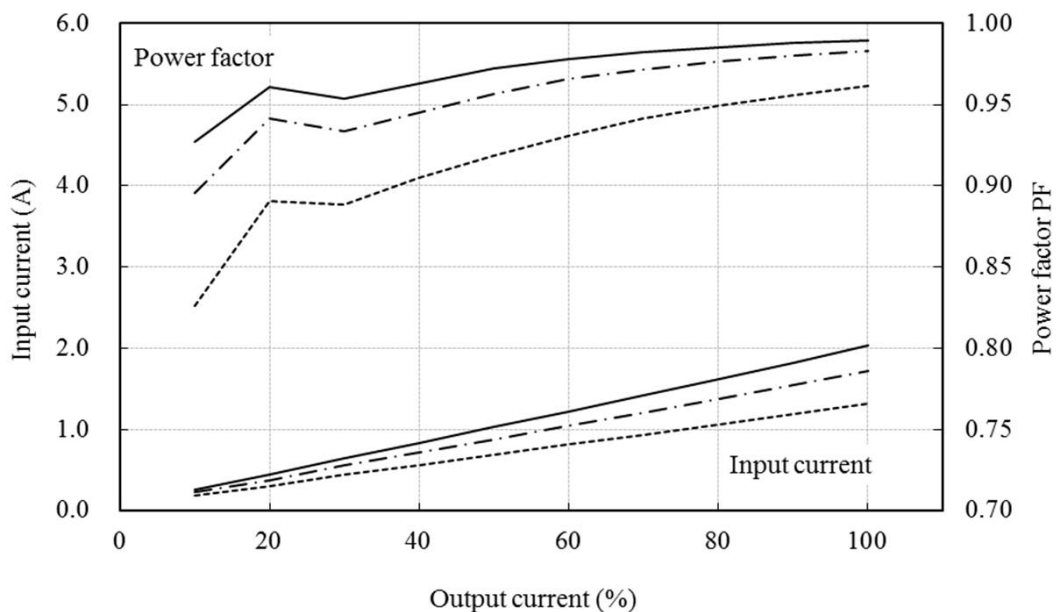
η and PF , input current v.s. output current

25°C

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



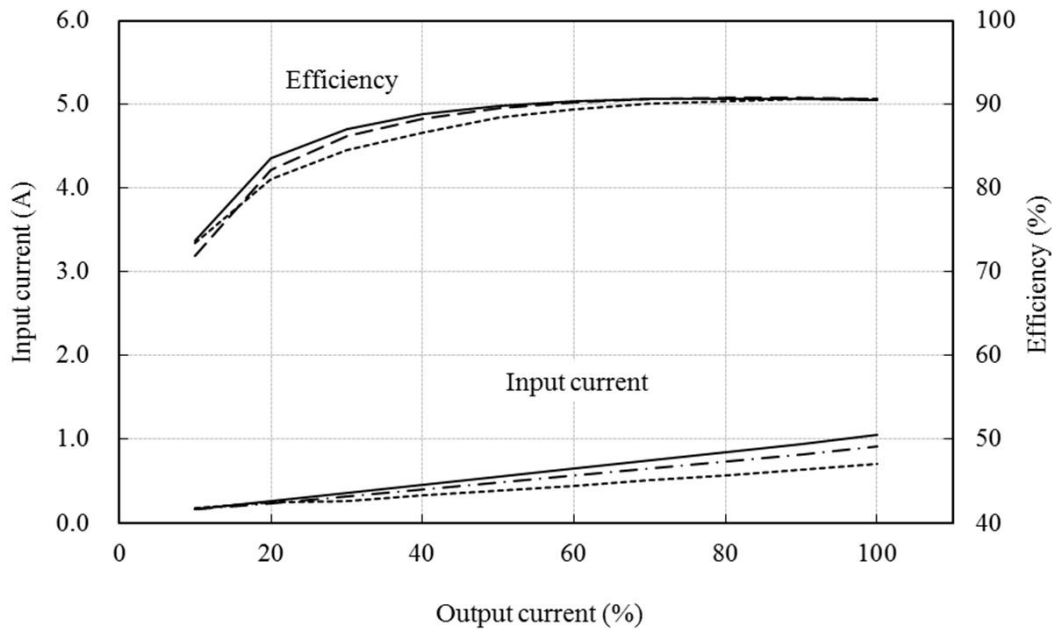
conditions Vin : 85VAC ———
 : 100VAC - - - - -
 : 132VAC - - - - -



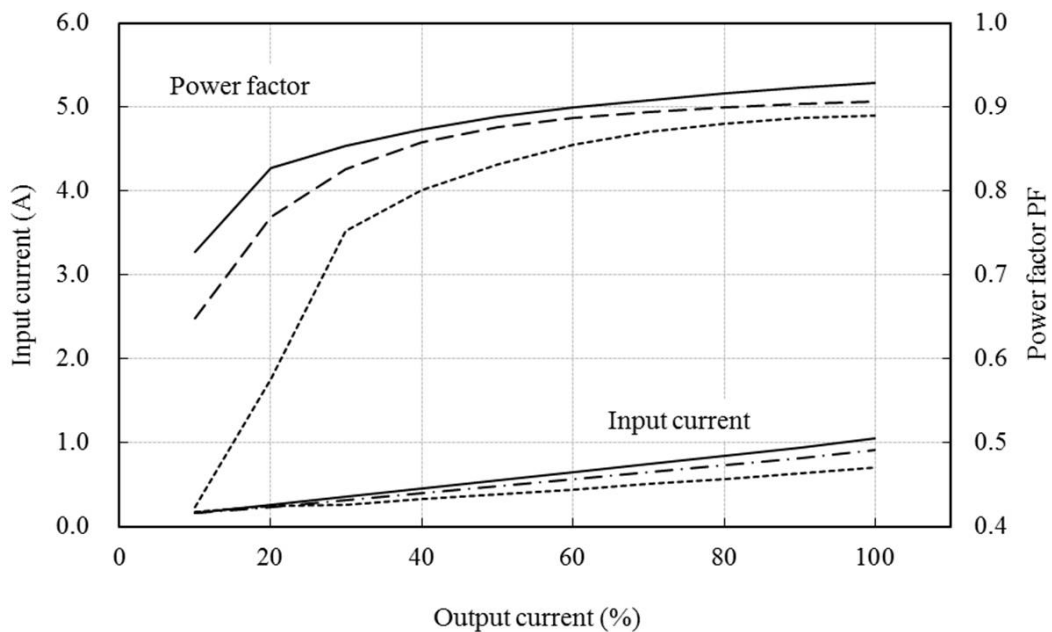
η and PF , input current v.s. output current

25°C

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



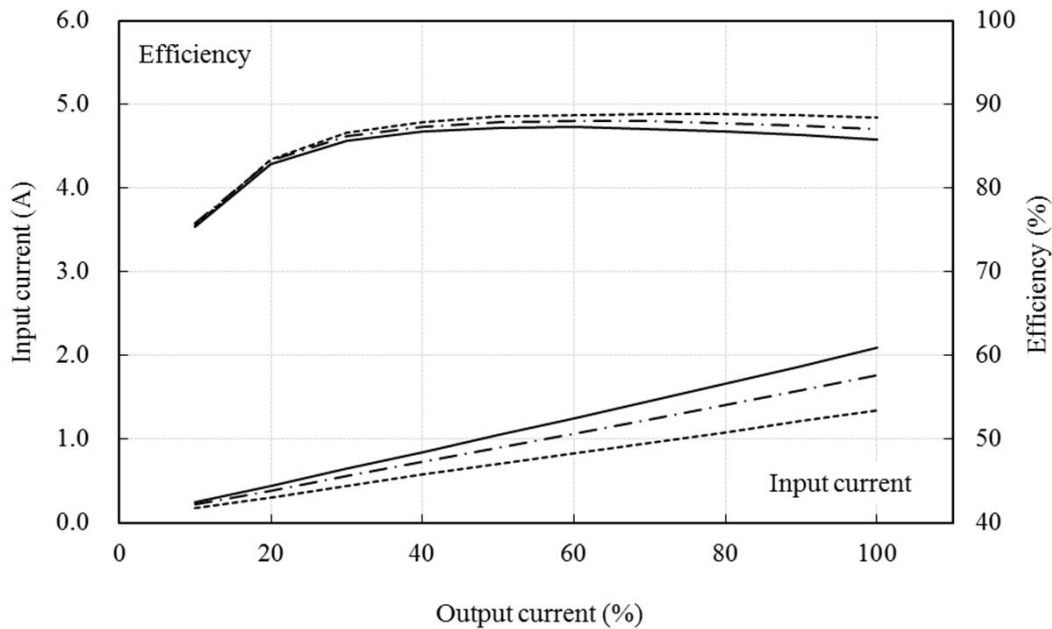
conditions Vin : 170VAC ———
 : 200VAC - · - · - ·
 : 264VAC - - - - -



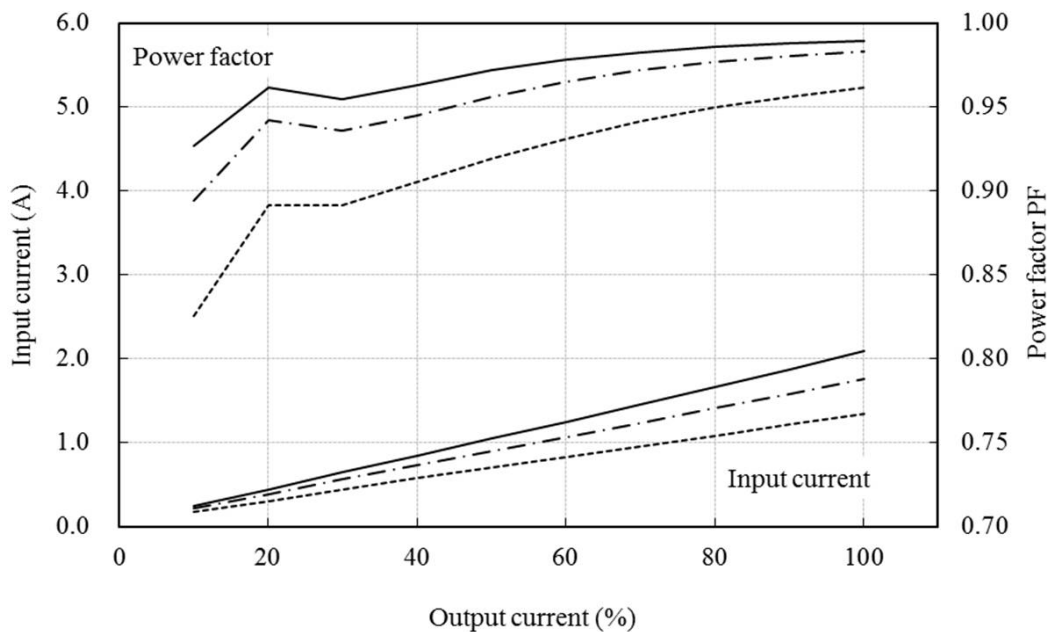
η and PF , input current v.s. output current

25°C

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



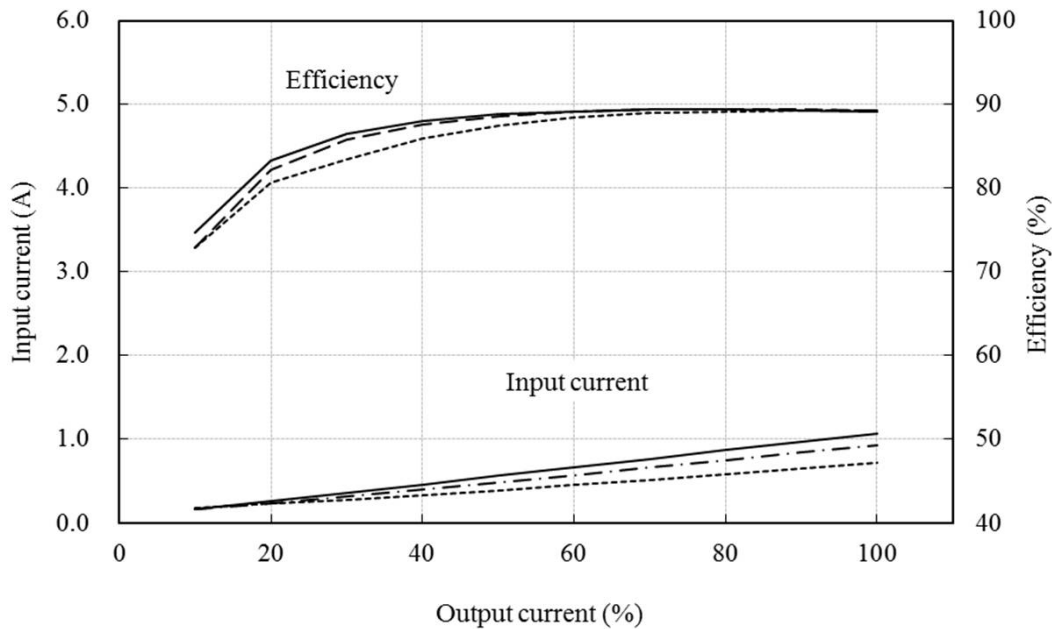
conditions Vin : 85VAC ———
 : 100VAC - · - · - ·
 : 132VAC - - - - -



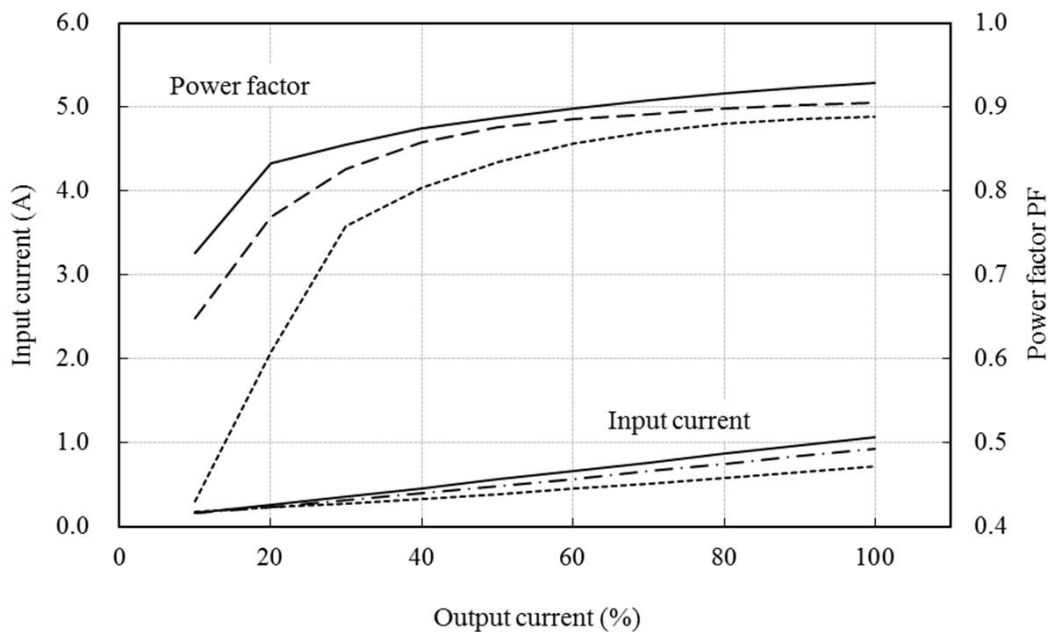
η and PF , input current v.s. output current

25°C

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



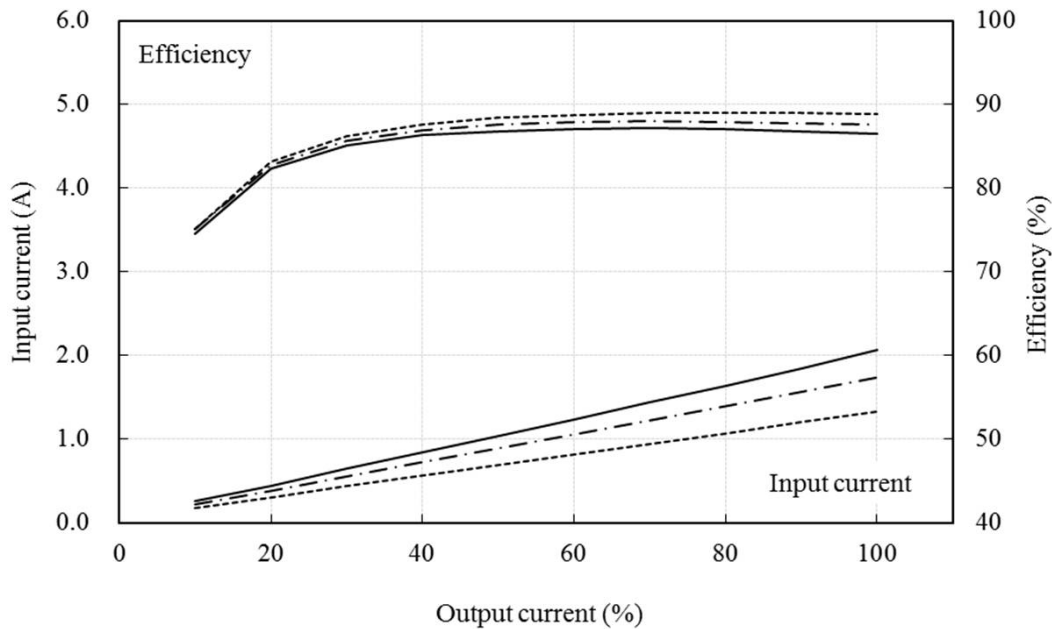
conditions Vin : 170VAC ———
 : 200VAC - · - · - ·
 : 264VAC - - - - -



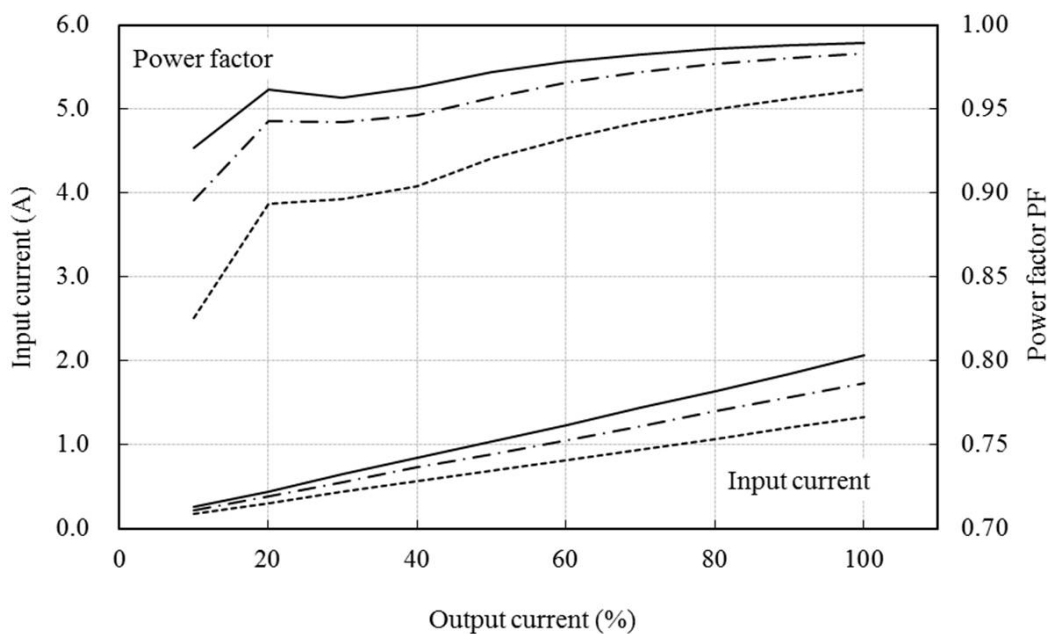
η and PF , input current v.s. output current

25°C

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



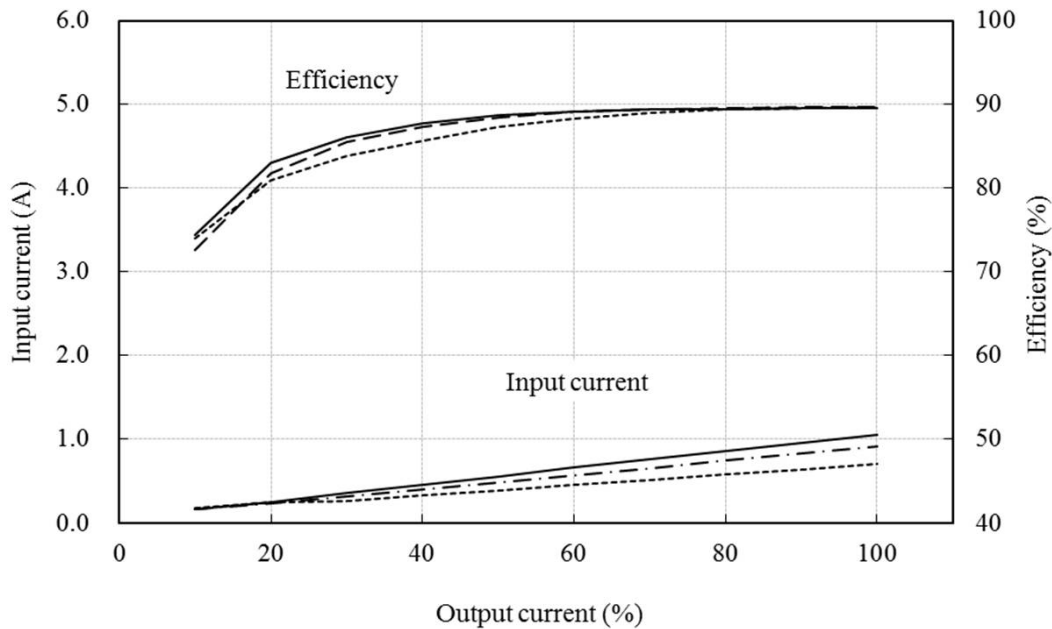
conditions Vin : 85VAC ———
 : 100VAC - · - · - ·
 : 132VAC - - - - -



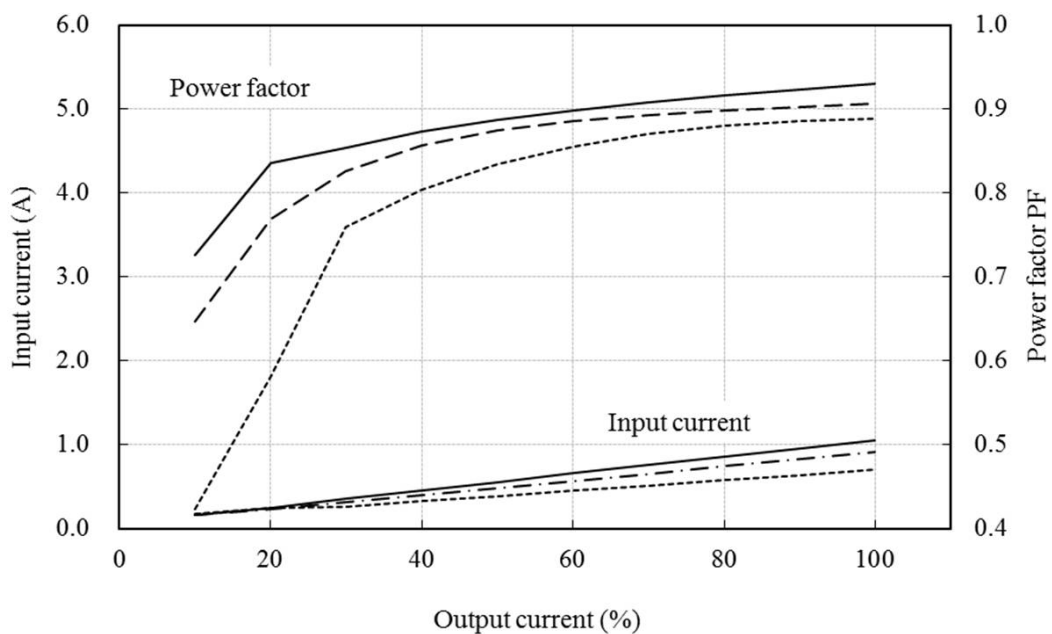
η and PF , input current v.s. output current

25°C

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



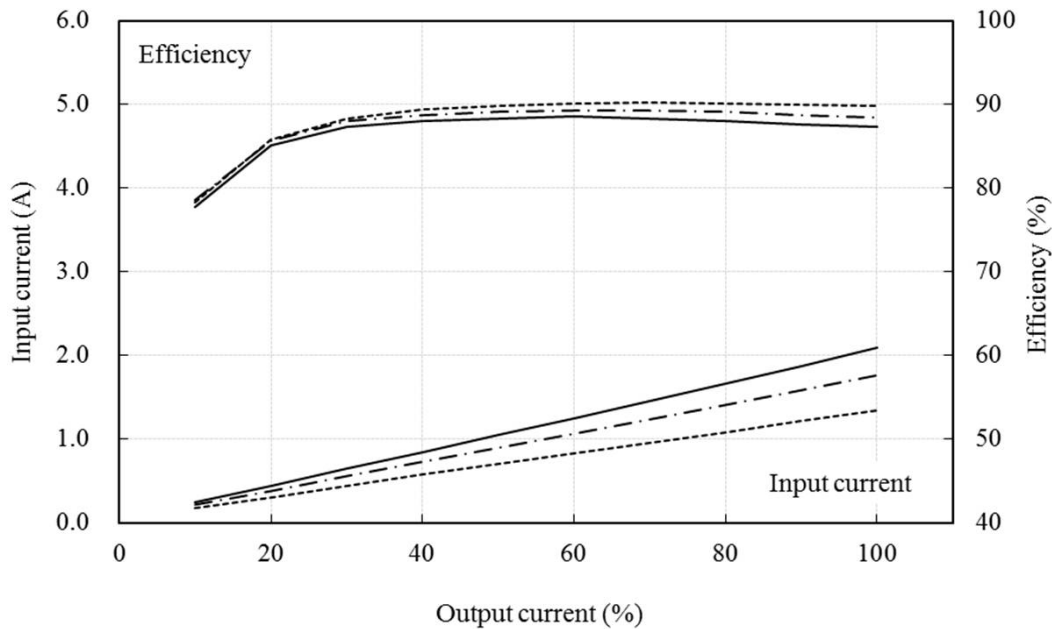
conditions Vin : 170VAC ———
 : 200VAC - · - · - ·
 : 264VAC - - - - -



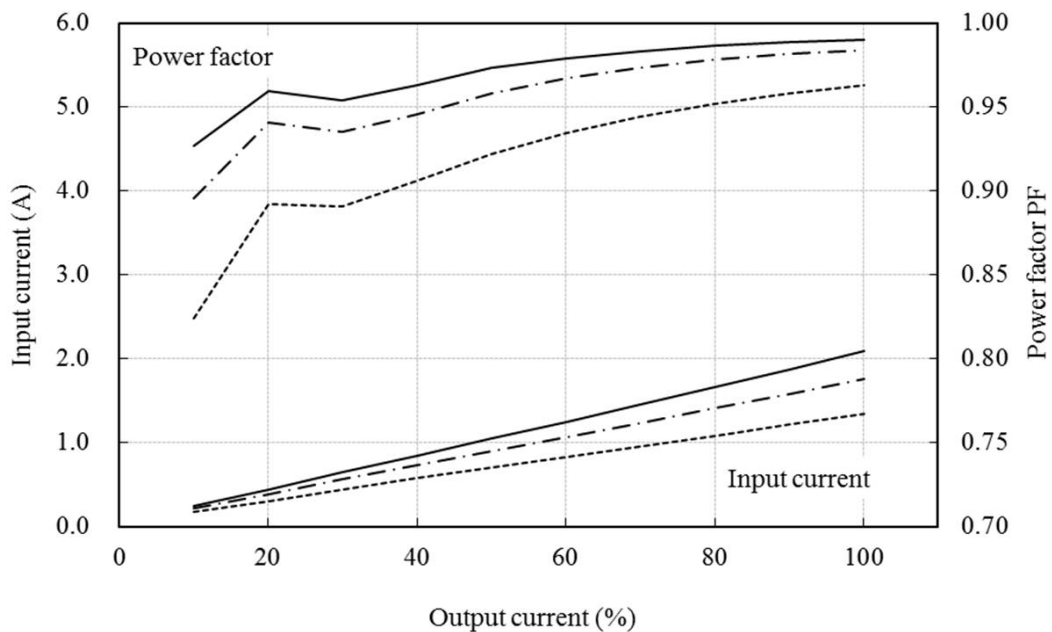
η and PF , input current v.s. output current

25°C

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



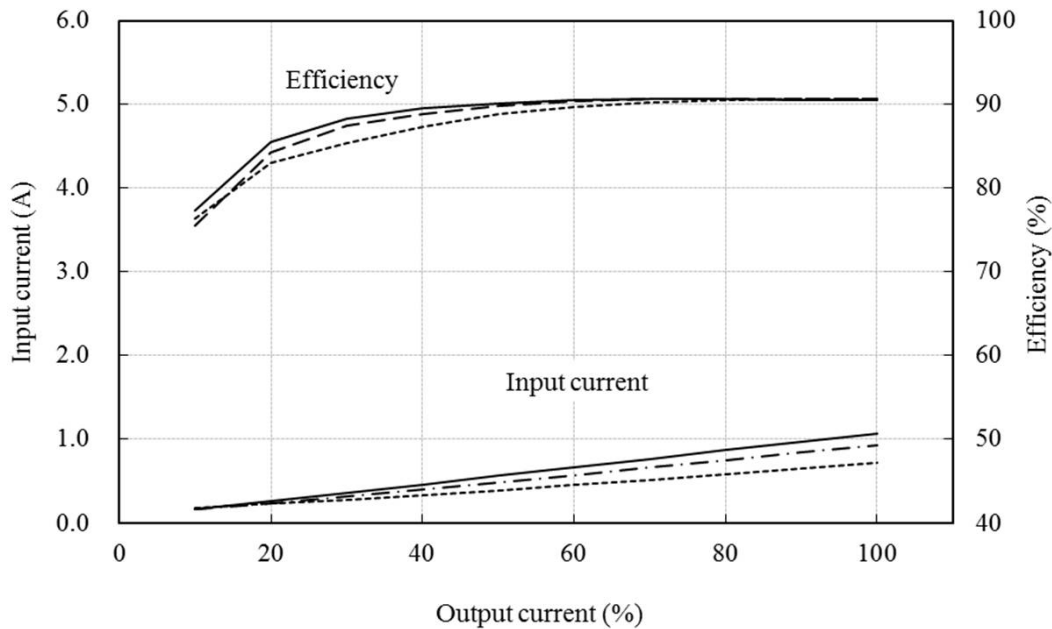
conditions Vin : 85VAC ———
 : 100VAC - · - · - ·
 : 132VAC - - - - -



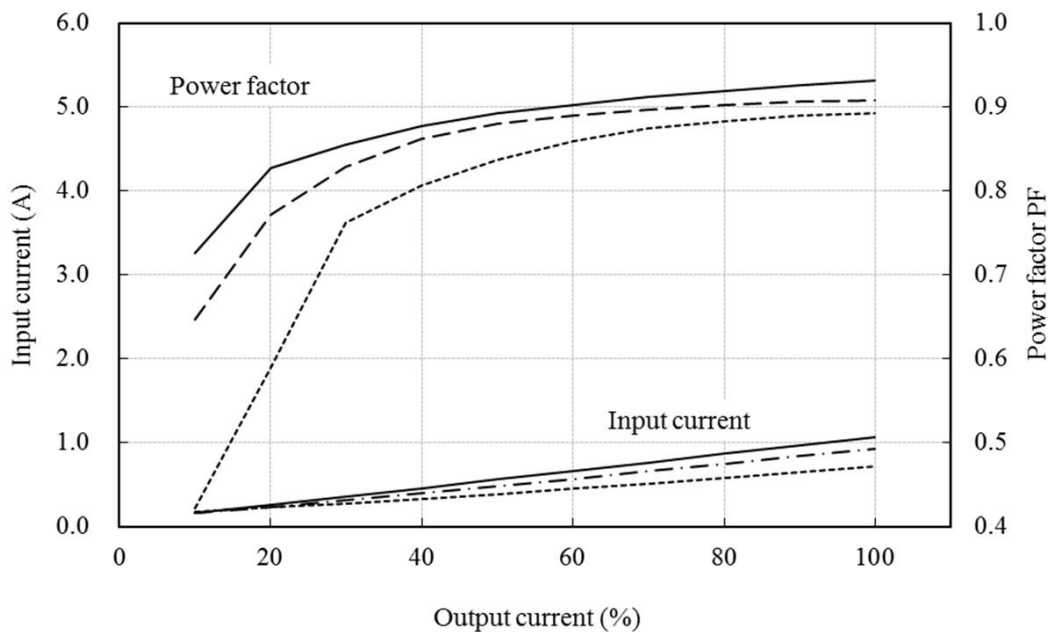
η and PF , input current v.s. output current

25°C

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



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



MODEL LFS150A-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	5.029 V	5.024 V	5.021 V	5.017 V	5.013 V	5.010 V		19 mV	0.38%
AC100V	5.031 V	5.026 V	5.021 V	5.018 V	5.014 V	5.010 V		20 mV	0.40%
AC132V	5.031 V	5.026 V	5.022 V	5.018 V	5.014 V	5.011 V		21 mV	0.41%
AC170V	5.032 V	5.027 V	5.022 V	5.018 V	5.015 V	5.011 V		21 mV	0.41%
AC200V	5.032 V	5.027 V	5.023 V	5.019 V	5.015 V	5.011 V		21 mV	0.42%
AC264V	5.032 V	5.027 V	5.023 V	5.019 V	5.015 V	5.011 V		21 mV	0.42%
line regulation	3.8 mV	2.7 mV	2.3 mV	2.1 mV	1.9 mV	1.7 mV	0.0 mV		
	0.08%	0.05%	0.05%	0.04%	0.04%	0.03%	0.00%		

conditions Ta : 25°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	5.030 V	5.025 V	5.020 V	5.015 V	5.011 V	5.007 V		24 mV	0.47%
AC100V	5.031 V	5.025 V	5.020 V	5.015 V	5.011 V	5.007 V		24 mV	0.48%
AC132V	5.031 V	5.025 V	5.020 V	5.016 V	5.011 V	5.007 V		24 mV	0.48%
AC170V	5.031 V	5.025 V	5.020 V	5.016 V	5.011 V	5.007 V		24 mV	0.48%
AC200V	5.031 V	5.025 V	5.020 V	5.016 V	5.011 V	5.007 V		24 mV	0.48%
AC264V	5.031 V	5.026 V	5.021 V	5.016 V	5.012 V	5.007 V		24 mV	0.48%
line regulation	1.1 mV	0.6 mV	0.6 mV	0.5 mV	0.6 mV	0.6 mV	0.0 mV		
	0.02%	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	5.033 V	5.028 V	5.023 V	5.018 V	5.013 V	5.009 V		25 mV	0.49%
AC100V	5.035 V	5.028 V	5.023 V	5.018 V	5.014 V	5.009 V		25 mV	0.51%
AC132V	5.035 V	5.029 V	5.024 V	5.019 V	5.014 V	5.009 V		26 mV	0.51%
AC170V	5.035 V	5.029 V	5.024 V	5.019 V	5.014 V	5.010 V		26 mV	0.51%
AC200V	5.036 V	5.029 V	5.024 V	5.019 V	5.014 V	5.010 V		26 mV	0.52%
AC264V	5.036 V	5.030 V	5.024 V	5.019 V	5.015 V	5.010 V		26 mV	0.52%
line regulation	2.4 mV	1.8 mV	1.7 mV	1.6 mV	1.5 mV	1.2 mV	0.0 mV		
	0.05%	0.04%	0.03%	0.03%	0.03%	0.02%	0.00%		

2. Temperature drift

conditions Vin : 100VAC

Iout : 100%

Ta	-10°C	25°C	60°C	temperature stability	
Vo	5.007 V	5.034 V	5.020 V	27mV	0.54%

MODEL LFS150A-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	11.993 V	11.991 V	11.989 V	11.986 V	11.984 V	11.982 V		11 mV	0.09%
AC100V	11.996 V	11.992 V	11.990 V	11.987 V	11.985 V	11.983 V		13 mV	0.11%
AC132V	11.997 V	11.993 V	11.991 V	11.988 V	11.986 V	11.984 V		13 mV	0.11%
AC170V	11.998 V	11.994 V	11.991 V	11.989 V	11.987 V	11.984 V		13 mV	0.11%
AC200V	11.998 V	11.994 V	11.992 V	11.989 V	11.987 V	11.985 V		14 mV	0.11%
AC264V	11.998 V	11.994 V	11.992 V	11.989 V	11.987 V	11.985 V		14 mV	0.11%
line regulation	5.8 mV	3.4 mV	2.8 mV	2.7 mV	2.6 mV	2.8 mV	0.0 mV		
	0.05%	0.03%	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	12.030 V	12.026 V	12.023 V	12.020 V	12.017 V	12.015 V		15 mV	0.12%
AC100V	12.030 V	12.026 V	12.023 V	12.020 V	12.017 V	12.015 V		14 mV	0.12%
AC132V	12.030 V	12.026 V	12.023 V	12.020 V	12.018 V	12.016 V		15 mV	0.12%
AC170V	12.030 V	12.026 V	12.023 V	12.020 V	12.018 V	12.016 V		15 mV	0.12%
AC200V	12.031 V	12.026 V	12.023 V	12.020 V	12.018 V	12.016 V		15 mV	0.12%
AC264V	12.031 V	12.026 V	12.024 V	12.021 V	12.018 V	12.016 V		15 mV	0.12%
line regulation	1.0 mV	1.0 mV	1.0 mV	1.0 mV	1.0 mV	0.7 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	12.032 V	12.029 V	12.026 V	12.024 V	12.021 V	12.018 V		13 mV	0.11%
AC100V	12.034 V	12.030 V	12.027 V	12.024 V	12.021 V	12.019 V		15 mV	0.13%
AC132V	12.035 V	12.031 V	12.028 V	12.025 V	12.022 V	12.020 V		15 mV	0.13%
AC170V	12.035 V	12.031 V	12.028 V	12.025 V	12.022 V	12.020 V		16 mV	0.13%
AC200V	12.035 V	12.031 V	12.028 V	12.025 V	12.022 V	12.020 V		15 mV	0.13%
AC264V	12.035 V	12.031 V	12.028 V	12.025 V	12.022 V	12.019 V		16 mV	0.13%
line regulation	3.7 mV	2.3 mV	1.8 mV	1.1 mV	1.2 mV	1.4 mV	0.0 mV		
	0.03%	0.02%	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	11.976 V	12.006 V	12.016 V	40mV	0.33%

MODEL LFS150A-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	14.993 V	14.992 V	14.991 V	14.989 V	14.986 V	14.984 V		10 mV	0.06%
AC100V	14.997 V	14.994 V	14.993 V	14.991 V	14.989 V	14.987 V		10 mV	0.07%
AC132V	14.999 V	14.997 V	14.995 V	14.992 V	14.990 V	14.987 V		12 mV	0.08%
AC170V	15.000 V	14.997 V	14.995 V	14.993 V	14.991 V	14.988 V		12 mV	0.08%
AC200V	15.000 V	14.998 V	14.996 V	14.993 V	14.991 V	14.989 V		12 mV	0.08%
AC264V	15.001 V	14.999 V	14.996 V	14.994 V	14.992 V	14.990 V		12 mV	0.08%
line regulation	7.8 mV	6.3 mV	5.9 mV	5.7 mV	5.6 mV	5.7 mV	0.0 mV		
	0.05%	0.04%	0.04%	0.04%	0.04%	0.04%	0.00%		

conditions Ta : 25°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	15.016 V	15.015 V	15.013 V	15.010 V	15.008 V	15.006 V		10 mV	0.07%
AC100V	15.018 V	15.015 V	15.013 V	15.011 V	15.009 V	15.007 V		11 mV	0.07%
AC132V	15.018 V	15.016 V	15.013 V	15.011 V	15.009 V	15.007 V		11 mV	0.07%
AC170V	15.018 V	15.016 V	15.013 V	15.011 V	15.009 V	15.007 V		11 mV	0.07%
AC200V	15.018 V	15.016 V	15.013 V	15.011 V	15.009 V	15.007 V		11 mV	0.07%
AC264V	15.018 V	15.016 V	15.014 V	15.011 V	15.009 V	15.007 V		11 mV	0.07%
line regulation	2.1 mV	1.2 mV	1.1 mV	1.0 mV	0.9 mV	1.0 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	15.049 V	15.048 V	15.046 V	15.044 V	15.041 V	15.039 V		10 mV	0.07%
AC100V	15.052 V	15.049 V	15.047 V	15.035 V	15.032 V	15.030 V		21 mV	0.14%
AC132V	15.044 V	15.043 V	15.044 V	15.045 V	15.043 V	15.041 V		5 mV	0.03%
AC170V	15.053 V	15.051 V	15.048 V	15.046 V	15.043 V	15.041 V		13 mV	0.08%
AC200V	15.054 V	15.051 V	15.048 V	15.046 V	15.043 V	15.041 V		13 mV	0.09%
AC264V	15.054 V	15.051 V	15.048 V	15.046 V	15.043 V	15.041 V		13 mV	0.09%
line regulation	9.9 mV	7.8 mV	4.8 mV	10.5 mV	11.3 mV	10.5 mV	0.0 mV		
	0.07%	0.05%	0.03%	0.07%	0.08%	0.07%	0.00%		

2. Temperature drift

conditions Vin : 100VAC

Iout : 100%

Ta	-10°C	25°C	60°C	temperature stability	
Vo	14.991 V	15.009 V	15.049 V	58mV	0.39%

MODEL LFS150A-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	24.034 V	24.035 V	24.036 V	24.035 V	24.034 V	24.033 V		2 mV	0.01%
AC100V	24.042 V	24.040 V	24.039 V	24.037 V	24.036 V	24.035 V		7 mV	0.03%
AC132V	24.044 V	24.042 V	24.041 V	24.039 V	24.038 V	24.036 V		8 mV	0.03%
AC170V	24.045 V	24.043 V	24.042 V	24.040 V	24.039 V	24.037 V		8 mV	0.03%
AC200V	24.046 V	24.044 V	24.042 V	24.041 V	24.039 V	24.038 V		9 mV	0.04%
AC264V	24.047 V	24.044 V	24.043 V	24.041 V	24.039 V	24.038 V		9 mV	0.04%
line regulation	12.7 mV	8.9 mV	7.2 mV	6.2 mV	5.6 mV	5.0 mV	0.0 mV		
	0.05%	0.04%	0.03%	0.03%	0.02%	0.02%	0.00%		

conditions Ta : 25°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	24.033 V	24.039 V	24.030 V	24.028 V	24.026 V	24.025 V		15 mV	0.06%
AC100V	24.033 V	24.031 V	24.029 V	24.028 V	24.026 V	24.025 V		8 mV	0.03%
AC132V	24.034 V	24.031 V	24.030 V	24.028 V	24.027 V	24.026 V		8 mV	0.03%
AC170V	24.034 V	24.032 V	24.030 V	24.029 V	24.027 V	24.026 V		8 mV	0.03%
AC200V	24.035 V	24.032 V	24.031 V	24.029 V	24.028 V	24.026 V		8 mV	0.04%
AC264V	24.036 V	24.033 V	24.031 V	24.030 V	24.028 V	24.027 V		8 mV	0.04%
line regulation	2.5 mV	8.6 mV	2.5 mV	2.3 mV	2.1 mV	2.5 mV	0.0 mV		
	0.01%	0.04%	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	24.031 V	24.029 V	24.028 V	24.026 V	24.025 V	24.024 V		7 mV	0.03%
AC100V	24.033 V	24.031 V	24.029 V	24.028 V	24.026 V	24.025 V		9 mV	0.04%
AC132V	24.034 V	24.031 V	24.030 V	24.028 V	24.027 V	24.025 V		9 mV	0.04%
AC170V	24.035 V	24.032 V	24.030 V	24.029 V	24.027 V	24.025 V		9 mV	0.04%
AC200V	24.035 V	24.033 V	24.031 V	24.029 V	24.028 V	24.026 V		9 mV	0.04%
AC264V	24.036 V	24.033 V	24.032 V	24.030 V	24.028 V	24.027 V		9 mV	0.04%
line regulation	4.8 mV	3.8 mV	3.6 mV	3.3 mV	3.1 mV	3.0 mV	0.0 mV		
	0.02%	0.02%	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	24.015 V	24.034 V	24.063 V	48mV	0.20%

MODEL LFS150A-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	30.069 V	30.067 V	30.066 V	30.065 V	30.064 V	30.066 V		5 mV	0.02%
AC100V	30.075 V	30.072 V	30.071 V	30.070 V	30.068 V	30.067 V		7 mV	0.02%
AC132V	30.075 V	30.073 V	30.071 V	30.070 V	30.069 V	30.068 V		7 mV	0.02%
AC170V	30.075 V	30.073 V	30.071 V	30.070 V	30.069 V	30.068 V		7 mV	0.02%
AC200V	30.075 V	30.073 V	30.072 V	30.070 V	30.069 V	30.068 V		8 mV	0.03%
AC264V	30.076 V	30.073 V	30.072 V	30.070 V	30.069 V	30.068 V		8 mV	0.03%
line regulation	6.2 mV	5.9 mV	5.6 mV	5.6 mV	4.8 mV	2.4 mV	0.0 mV		
	0.02%	0.02%	0.02%	0.02%	0.02%	0.01%	0.00%		

conditions Ta : 25°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	30.013 V	30.010 V	30.009 V	30.008 V	30.007 V	30.006 V		7 mV	0.02%
AC100V	30.013 V	30.011 V	30.010 V	30.009 V	30.007 V	30.006 V		7 mV	0.02%
AC132V	30.014 V	30.011 V	30.010 V	30.009 V	30.008 V	30.007 V		8 mV	0.03%
AC170V	30.014 V	30.012 V	30.010 V	30.009 V	30.008 V	30.006 V		8 mV	0.03%
AC200V	30.014 V	30.012 V	30.011 V	30.009 V	30.008 V	30.006 V		8 mV	0.03%
AC264V	30.015 V	30.012 V	30.011 V	30.010 V	30.010 V	30.009 V		6 mV	0.02%
line regulation	1.5 mV	2.1 mV	1.9 mV	2.1 mV	3.2 mV	3.2 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	30.016 V	30.013 V	30.011 V	30.010 V	30.008 V	30.007 V		9 mV	0.03%
AC100V	30.016 V	30.013 V	30.011 V	30.010 V	30.008 V	30.006 V		9 mV	0.03%
AC132V	30.015 V	30.012 V	30.010 V	30.009 V	30.007 V	30.006 V		10 mV	0.03%
AC170V	30.015 V	30.012 V	30.010 V	30.009 V	30.007 V	30.005 V		9 mV	0.03%
AC200V	30.015 V	30.011 V	30.009 V	30.008 V	30.006 V	30.005 V		10 mV	0.03%
AC264V	30.013 V	30.010 V	30.009 V	30.007 V	30.005 V	30.004 V		9 mV	0.03%
line regulation	2.8 mV	2.4 mV	2.4 mV	2.6 mV	2.8 mV	2.7 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	30.022 V	30.040 V	30.046 V	24mV	0.08%

MODEL | LFS150A-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	48.027 V	48.026 V	48.025 V	48.023 V	48.021 V	48.022 V		6 mV	0.01%
AC100V	48.031 V	48.028 V	48.027 V	48.025 V	48.024 V	48.024 V		7 mV	0.02%
AC132V	48.034 V	48.030 V	48.028 V	48.027 V	48.026 V	48.026 V		8 mV	0.02%
AC170V	48.035 V	48.031 V	48.030 V	48.028 V	48.027 V	48.027 V		9 mV	0.02%
AC200V	48.036 V	48.032 V	48.030 V	48.029 V	48.028 V	48.027 V		9 mV	0.02%
AC264V	48.037 V	48.032 V	48.030 V	48.029 V	48.028 V	48.027 V		10 mV	0.02%
line regulation	9.7 mV	6.6 mV	5.3 mV	5.6 mV	7.0 mV	5.5 mV	0.0 mV		
	0.02%	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	48.060 V	48.058 V	48.059 V	48.058 V	48.057 V	48.057 V		3 mV	0.01%
AC100V	48.068 V	48.064 V	48.063 V	48.063 V	48.062 V	48.062 V		6 mV	0.01%
AC132V	48.073 V	48.069 V	48.069 V	48.070 V	48.070 V	48.071 V		4 mV	0.01%
AC170V	48.082 V	48.077 V	48.075 V	48.074 V	48.073 V	48.072 V		10 mV	0.02%
AC200V	48.083 V	48.078 V	48.077 V	48.075 V	48.074 V	48.073 V		10 mV	0.02%
AC264V	48.085 V	48.080 V	48.078 V	48.077 V	48.076 V	48.074 V		11 mV	0.02%
line regulation	25.2 mV	21.9 mV	19.3 mV	18.8 mV	18.3 mV	17.2 mV	0.0 mV		
	0.05%	0.05%	0.04%	0.04%	0.04%	0.04%	0.00%		

conditions Ta : 60°C

Vin \ Iout	0%	20%	40%	60%	80%	100%	120%	load regulation	
AC85V	48.029 V	48.023 V	48.021 V	48.019 V	48.018 V	48.017 V		12 mV	0.03%
AC100V	48.028 V	48.023 V	48.021 V	48.019 V	48.018 V	48.017 V		12 mV	0.02%
AC132V	48.029 V	48.023 V	48.021 V	48.020 V	48.018 V	48.017 V		12 mV	0.03%
AC170V	48.029 V	48.023 V	48.021 V	48.019 V	48.018 V	48.017 V		12 mV	0.03%
AC200V	48.029 V	48.023 V	48.021 V	48.020 V	48.018 V	48.016 V		12 mV	0.03%
AC264V	48.028 V	48.022 V	48.020 V	48.019 V	48.017 V	48.016 V		13 mV	0.03%
line regulation	0.8 mV	1.1 mV	1.0 mV	1.1 mV	1.1 mV	1.2 mV	0.0 mV		
	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		

2. Temperature drift

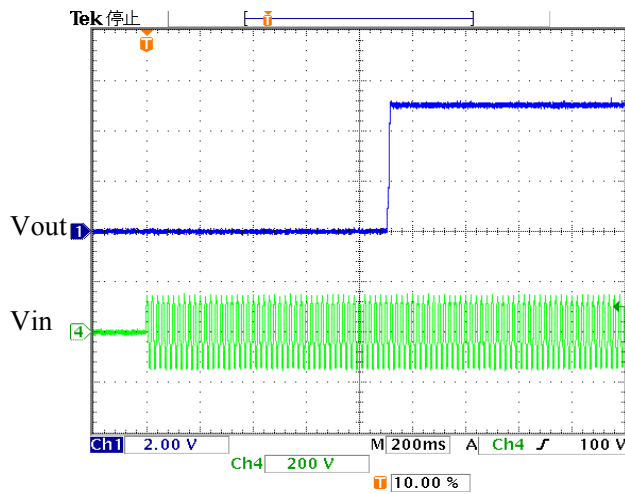
conditions Vin : 100VAC

Iout : 100%

Ta	-10°C	25°C	60°C	temperature stability	
Vo	47.993 V	48.064 V	48.137 V	144mV	0.30%

Output Rise Waveform and Start Time

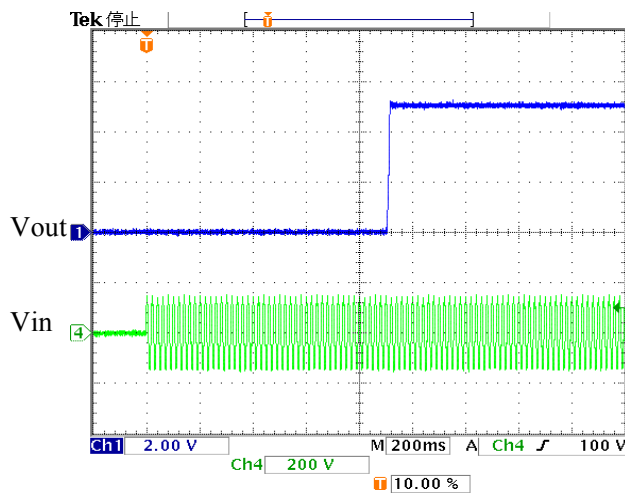
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %

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

Start Time : 916 ms



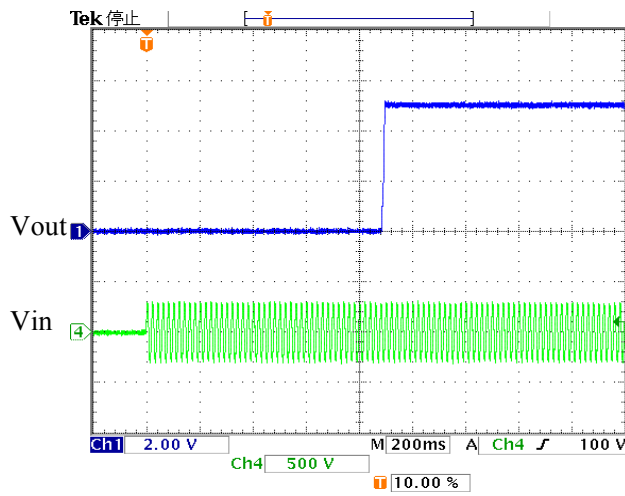
Input Voltage : 100 VAC
Output Current : 0 %

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

Start Time : 916 ms

Output Rise Waveform and Start Time

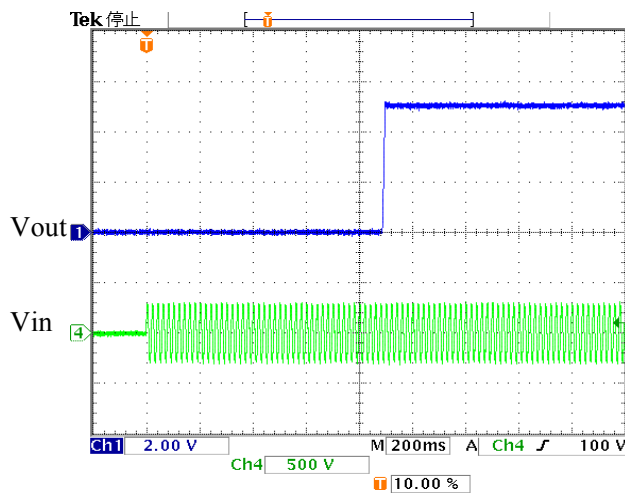
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %

Vin : 500 VAC/DIV
Vout : 2 VDC/DIV
TIME : 200 ms/DIV

Start Time : 900 ms



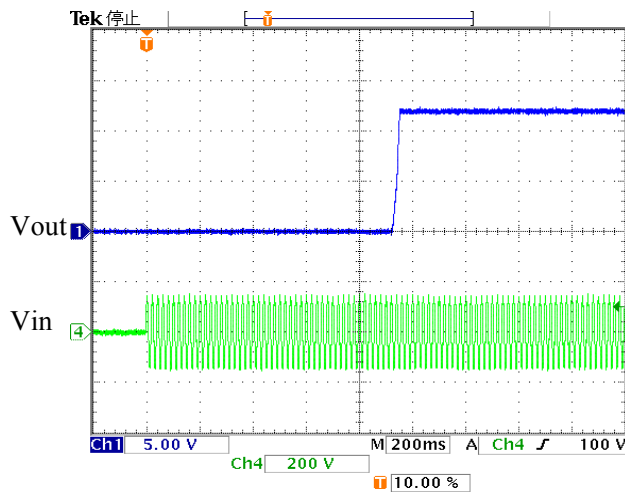
Input Voltage : 200 VAC
Output Current : 0 %

Vin : 500 VAC/DIV
Vout : 2 VDC/DIV
TIME : 200 ms/DIV

Start Time : 900 ms

Output Rise Waveform and Start Time

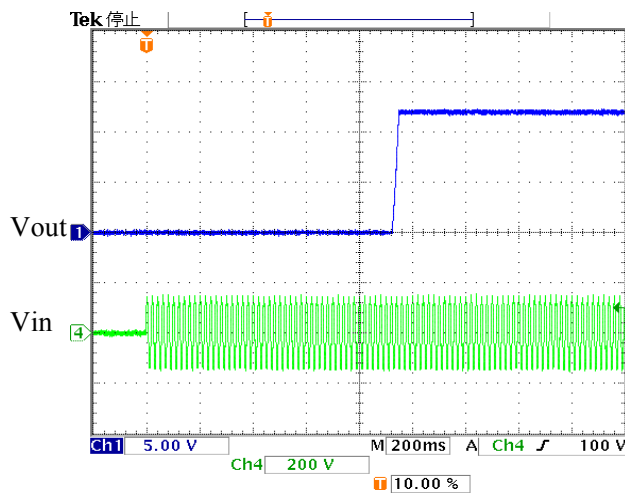
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %

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

Start Time : 952 ms



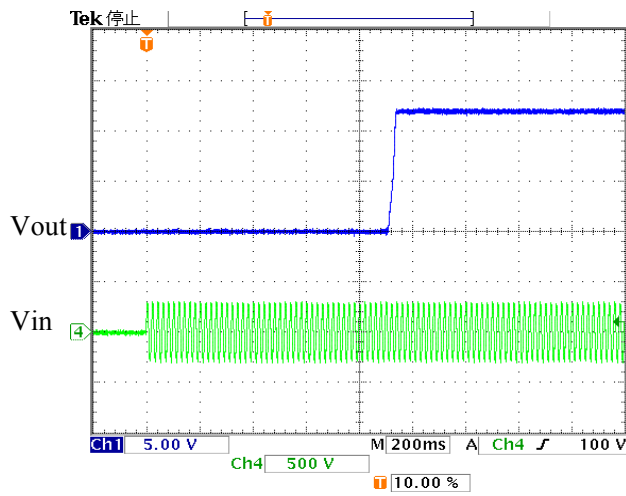
Input Voltage : 100 VAC
Output Current : 0 %

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

Start Time : 948 ms

Output Rise Waveform and Start Time

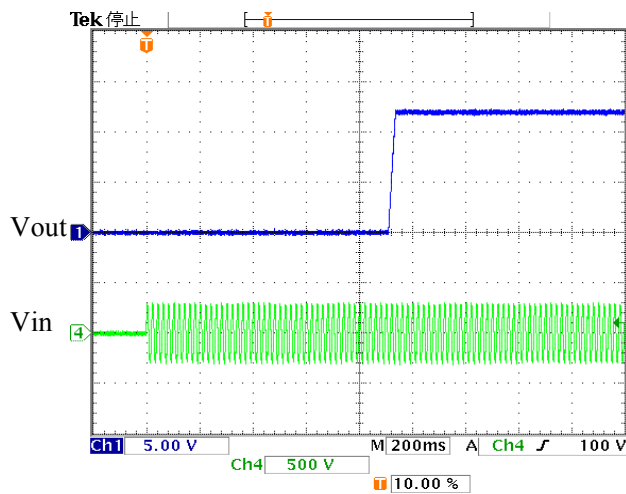
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %

Vin : 500 VAC/DIV
Vout : 5 VDC/DIV
TIME : 200 ms/DIV

Start Time : 940 ms



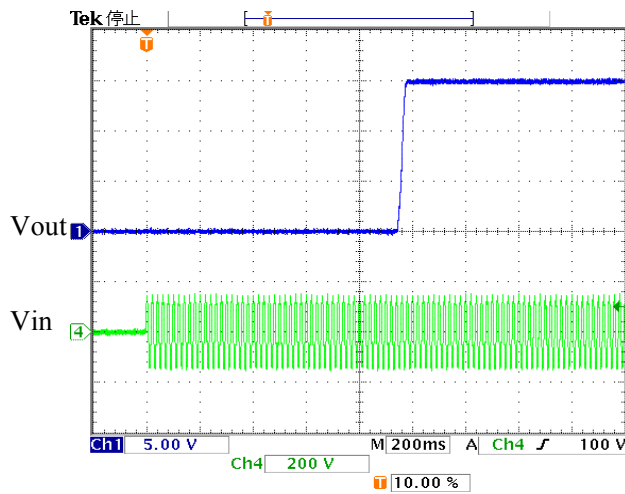
Input Voltage : 200 VAC
Output Current : 0 %

Vin : 500 VAC/DIV
Vout : 5 VDC/DIV
TIME : 200 ms/DIV

Start Time : 940 ms

Output Rise Waveform and Start Time

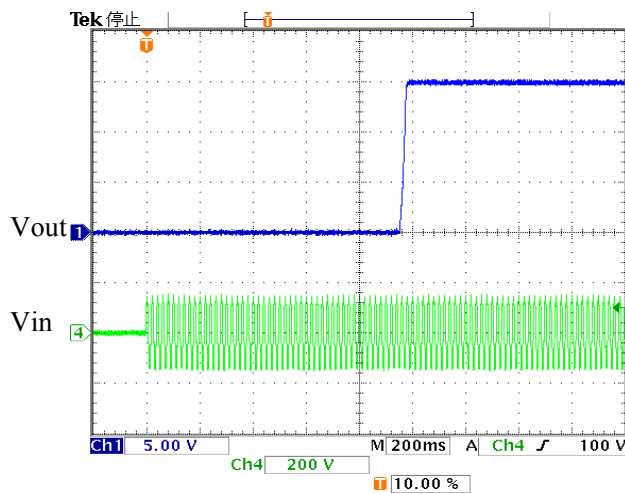
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %

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

Start Time : 976 ms



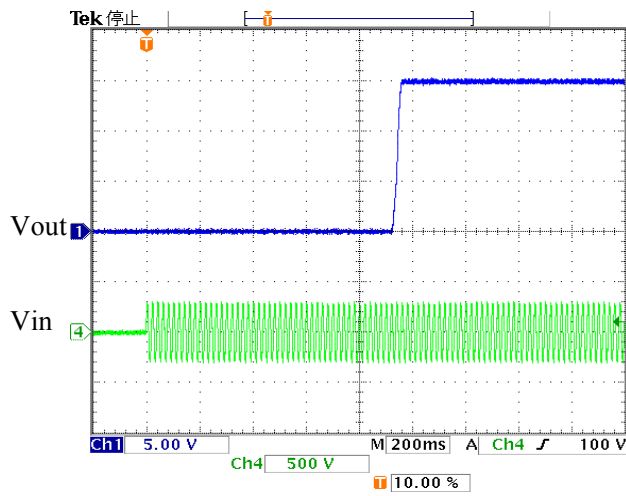
Input Voltage : 100 VAC
Output Current : 0 %

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

Start Time : 980 ms

Output Rise Waveform and Start Time

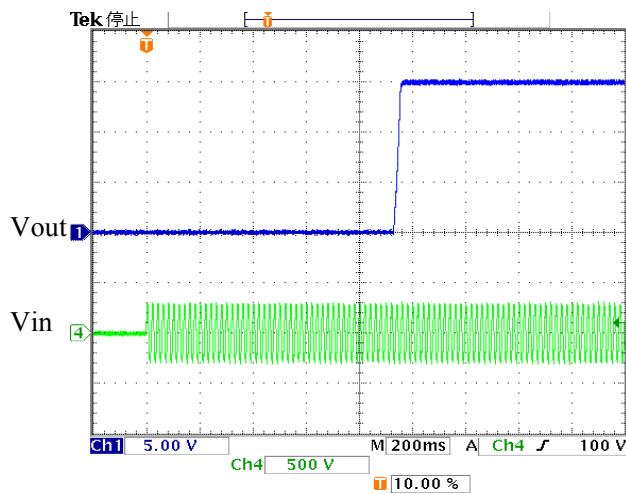
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %

Vin : 500 VAC/DIV
Vout : 5 VDC/DIV
TIME : 200 ms/DIV

Start Time : 960 ms



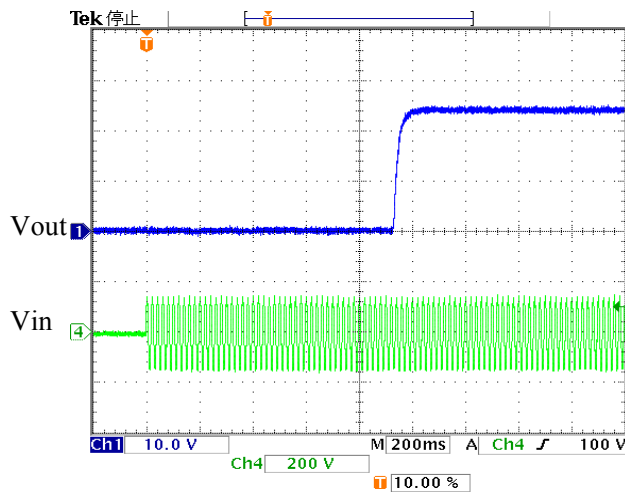
Input Voltage : 200 VAC
Output Current : 0 %

Vin : 500 VAC/DIV
Vout : 5 VDC/DIV
TIME : 200 ms/DIV

Start Time : 960 ms

Output Rise Waveform and Start Time

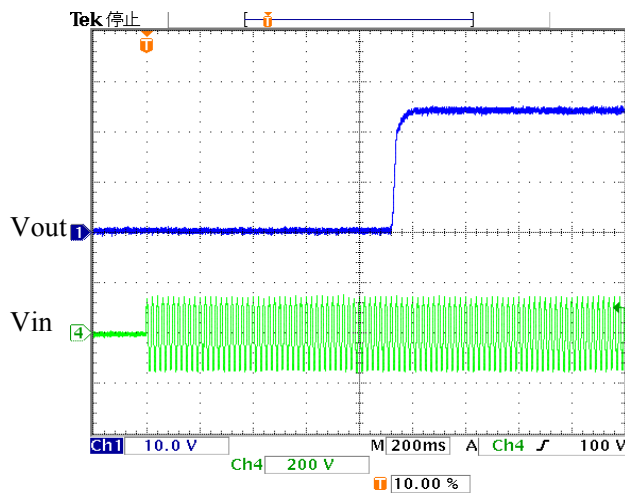
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %

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

Start Time : 1000 ms



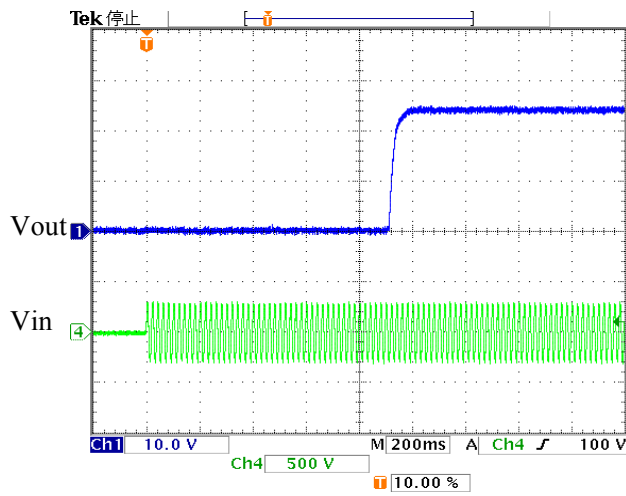
Input Voltage : 100 VAC
Output Current : 0 %

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

Start Time : 980 ms

Output Rise Waveform and Start Time

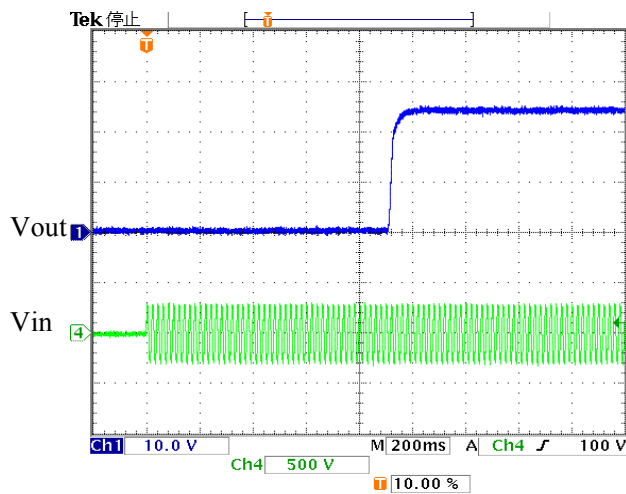
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %

Vin : 500 VAC/DIV
Vout : 10 VDC/DIV
TIME : 200 ms/DIV

Start Time : 972 ms



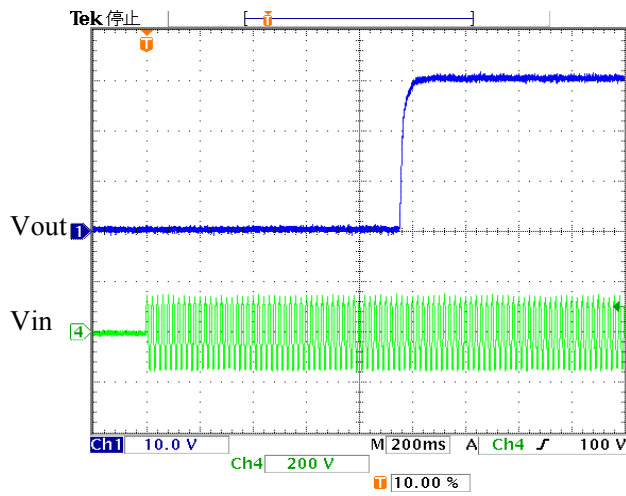
Input Voltage : 200 VAC
Output Current : 0 %

Vin : 500 VAC/DIV
Vout : 10 VDC/DIV
TIME : 200 ms/DIV

Start Time : 976 ms

Output Rise Waveform and Start Time

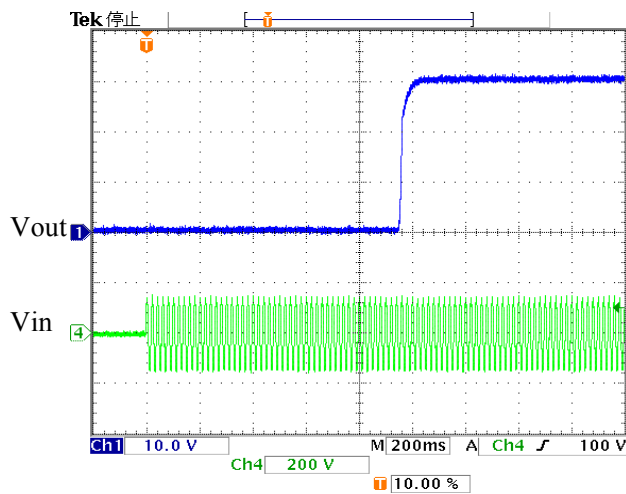
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %

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

Start Time : 1020 ms



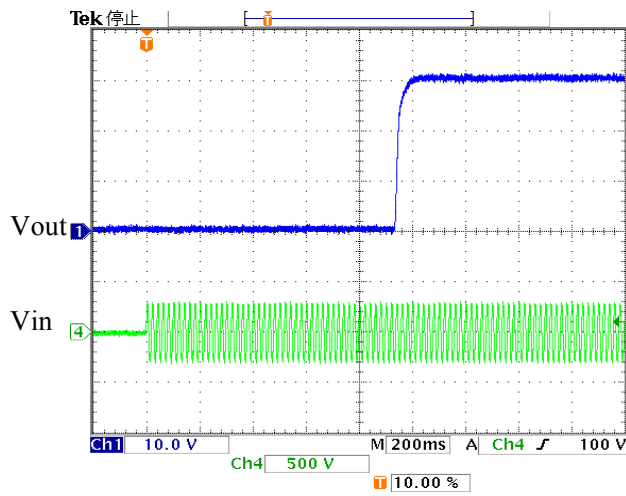
Input Voltage : 100 VAC
Output Current : 0 %

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

Start Time : 1000 ms

Output Rise Waveform and Start Time

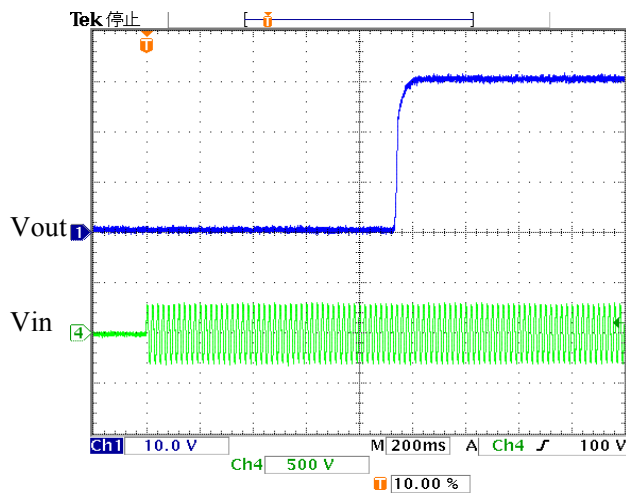
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %

Vin : 500 VAC/DIV
Vout : 10 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1004 ms



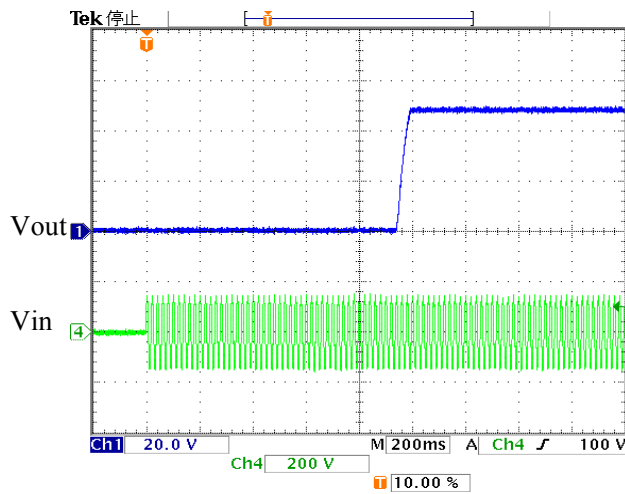
Input Voltage : 200 VAC
Output Current : 0 %

Vin : 500 VAC/DIV
Vout : 10 VDC/DIV
TIME : 200 ms/DIV

Start Time : 1000 ms

Output Rise Waveform and Start Time

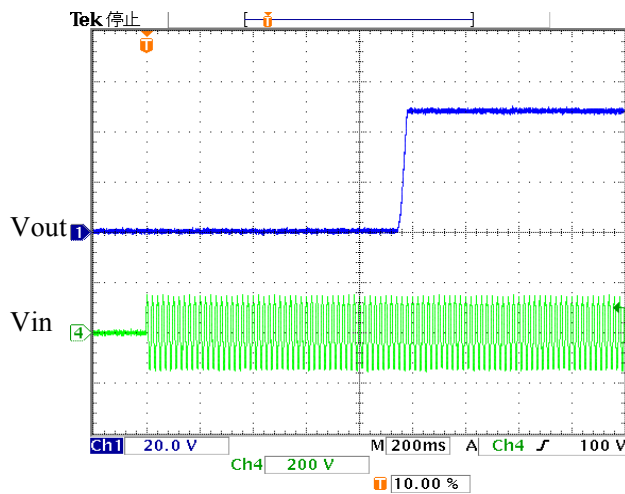
Ta : 25°C



Input Voltage : 100 VAC
Output Current : 100 %

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

Start Time : 992 ms



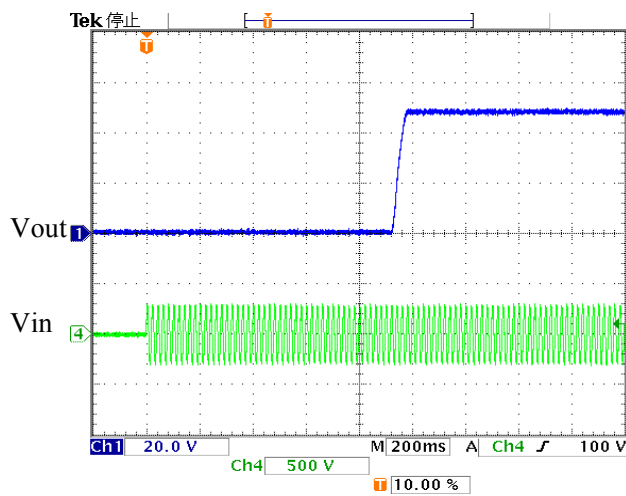
Input Voltage : 100 VAC
Output Current : 0 %

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

Start Time : 984 ms

Output Rise Waveform and Start Time

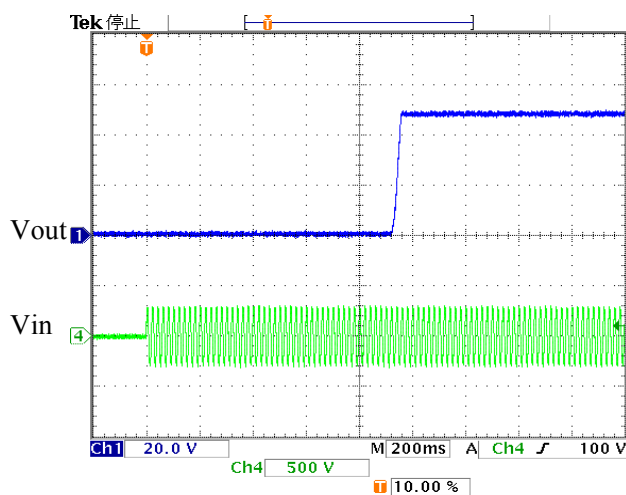
Ta : 25°C



Input Voltage : 200 VAC
Output Current : 100 %

Vin : 500 VAC/DIV
Vout : 20 VDC/DIV
TIME : 200 ms/DIV

Start Time : 976 ms



Input Voltage : 200 VAC
Output Current : 0 %

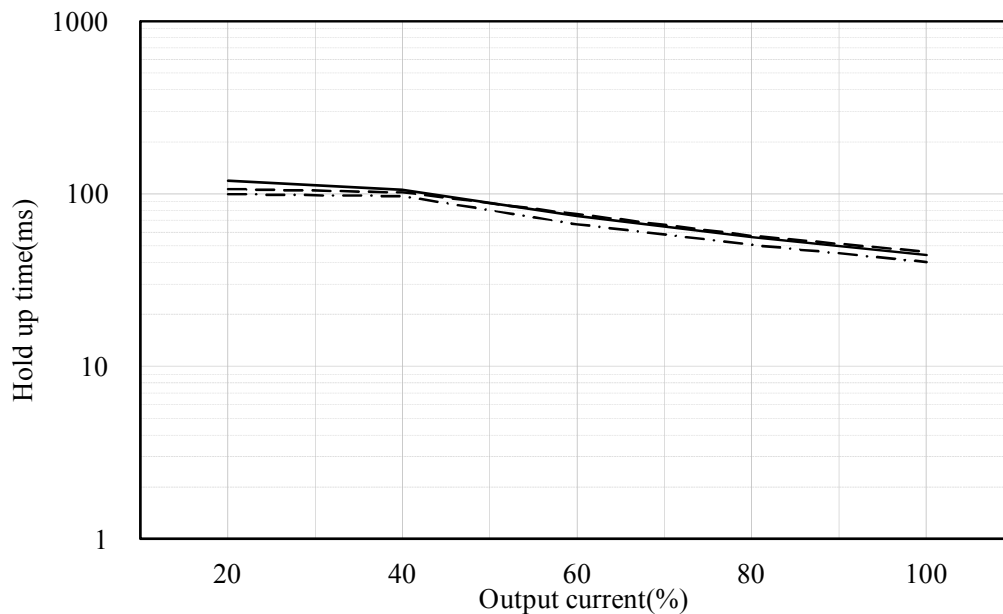
Vin : 500 VAC/DIV
Vout : 20 VDC/DIV
TIME : 200 ms/DIV

Start Time : 960 ms

Hold up time characteristics

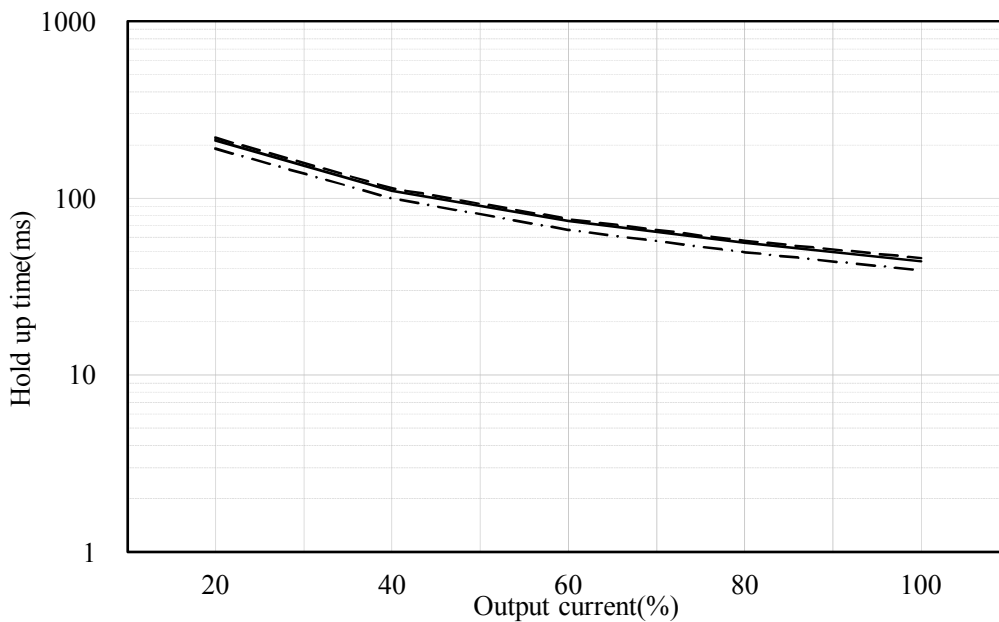
Input Voltage : 100 VAC

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



Input Voltage : 200 VAC

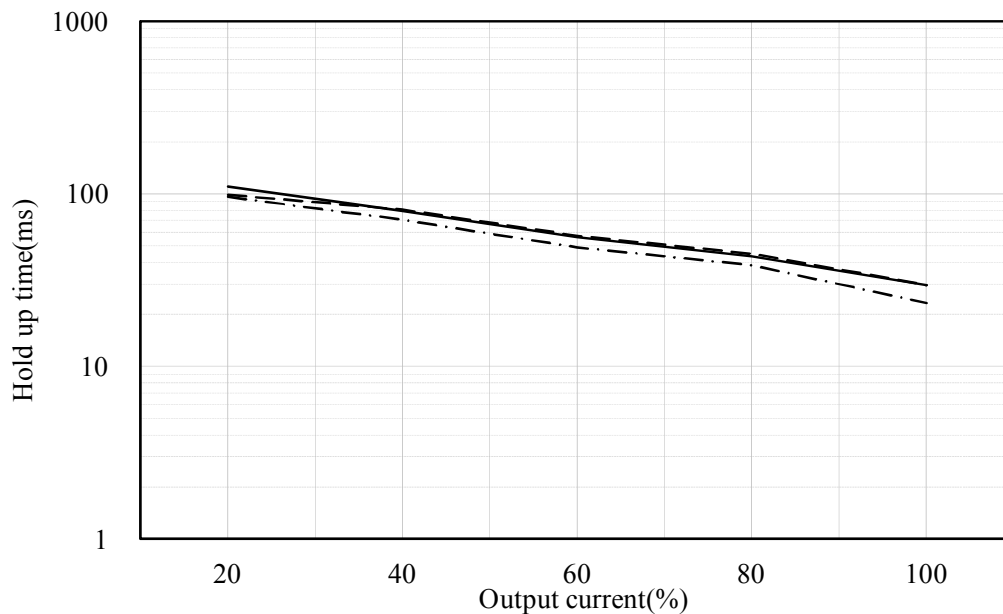
conditions Ta : 25°C ———
: -10°C - - - - -
: 60°C - - - - -



Hold up time characteristics

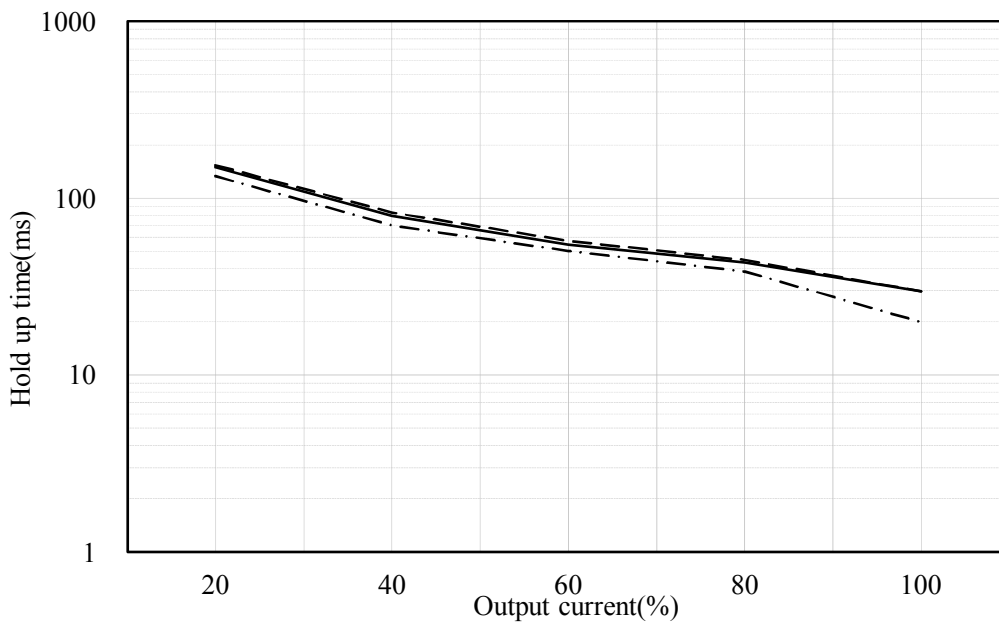
Input Voltage : 100 VAC

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



Input Voltage : 200 VAC

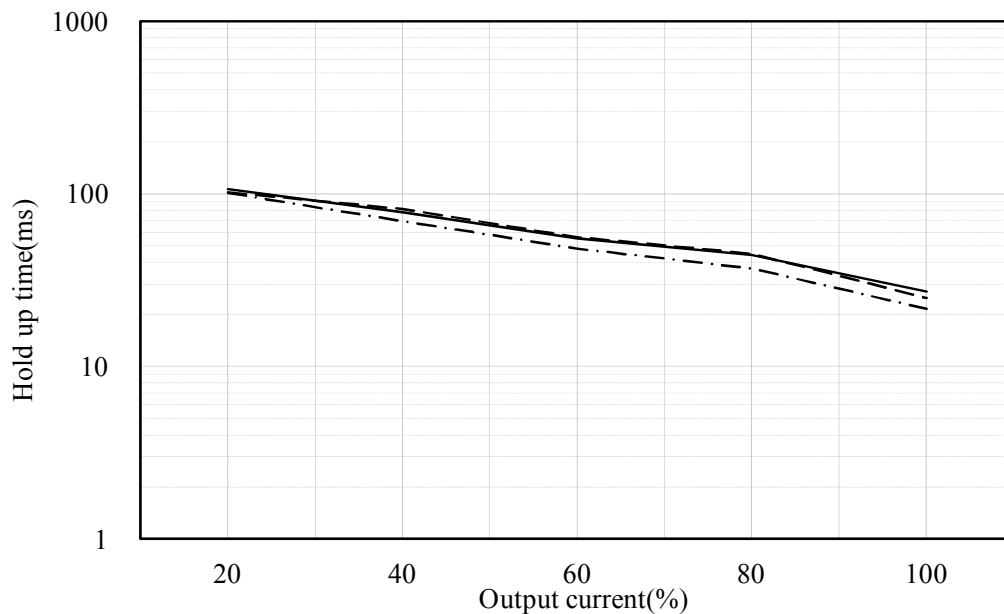
conditions Ta : 25°C ———
: -10°C - - - - -
: 60°C - - - - -



Hold up time characteristics

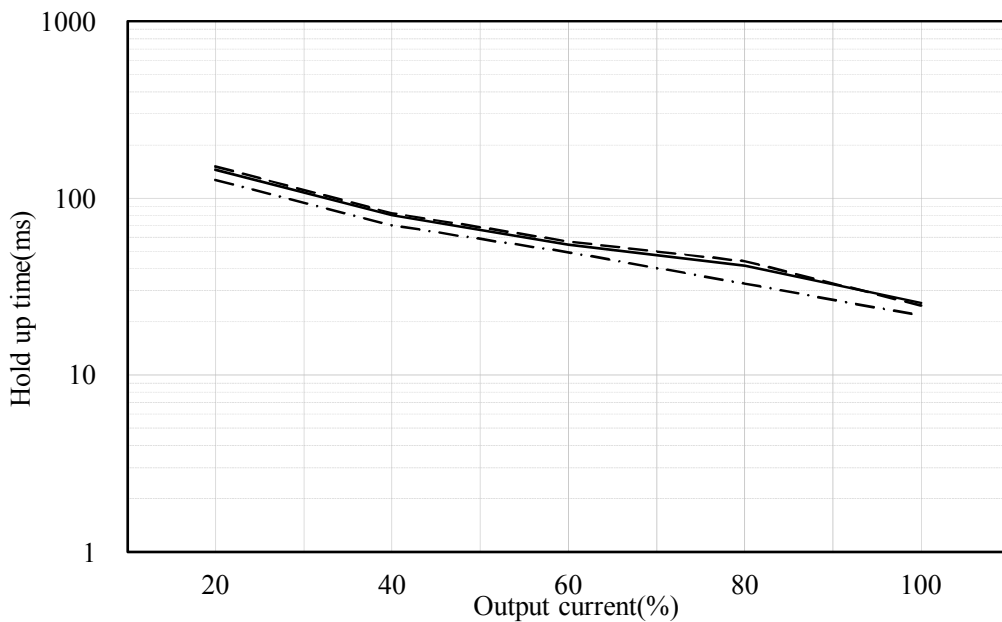
Input Voltage : 100 VAC

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



Input Voltage : 200 VAC

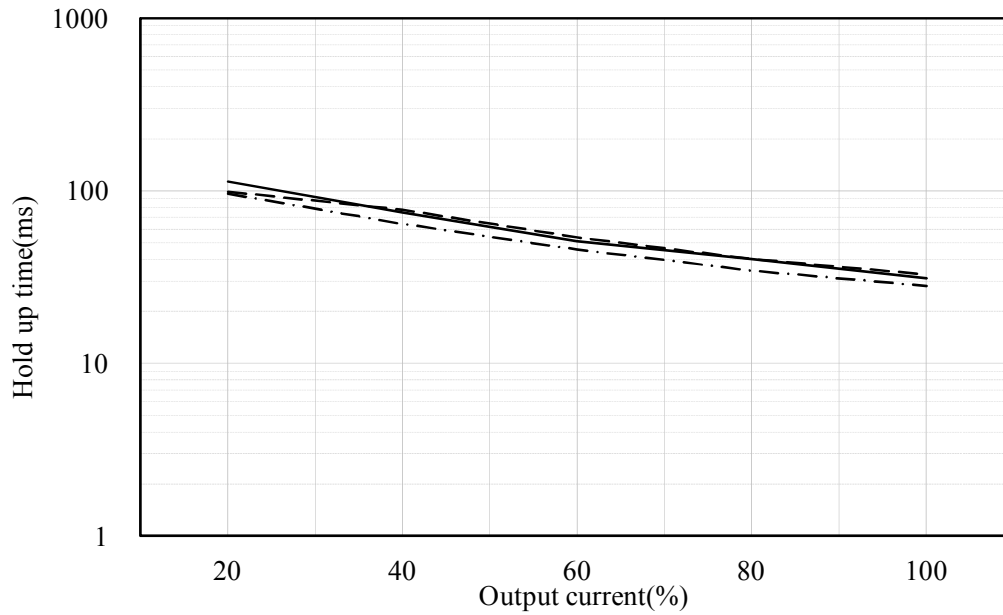
conditions Ta : 25°C ———
: -10°C - - - - -
: 60°C - - - - -



Hold up time characteristics

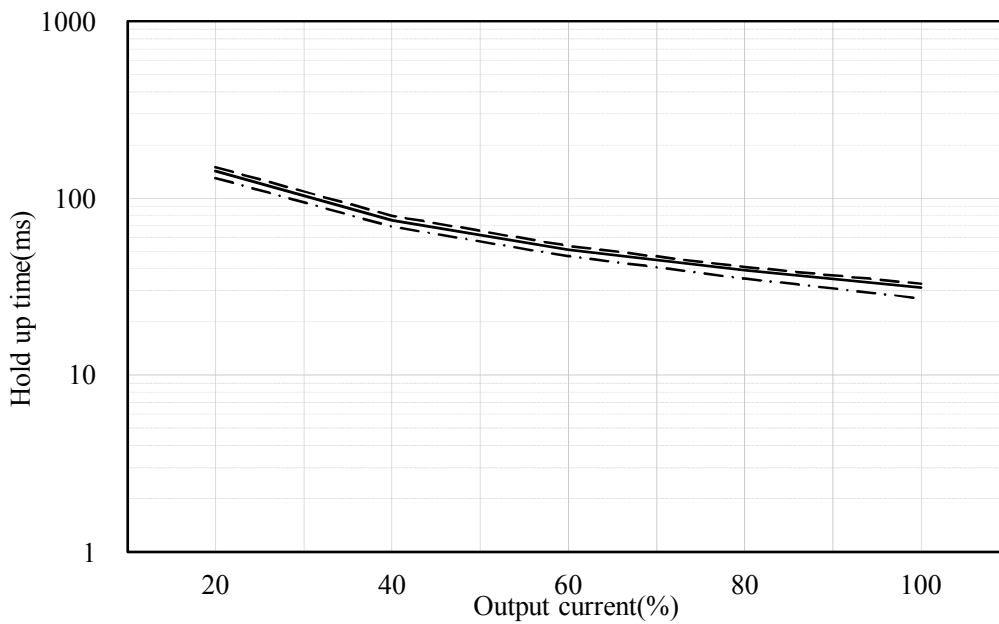
Input Voltage : 100 VAC

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



Input Voltage : 200 VAC

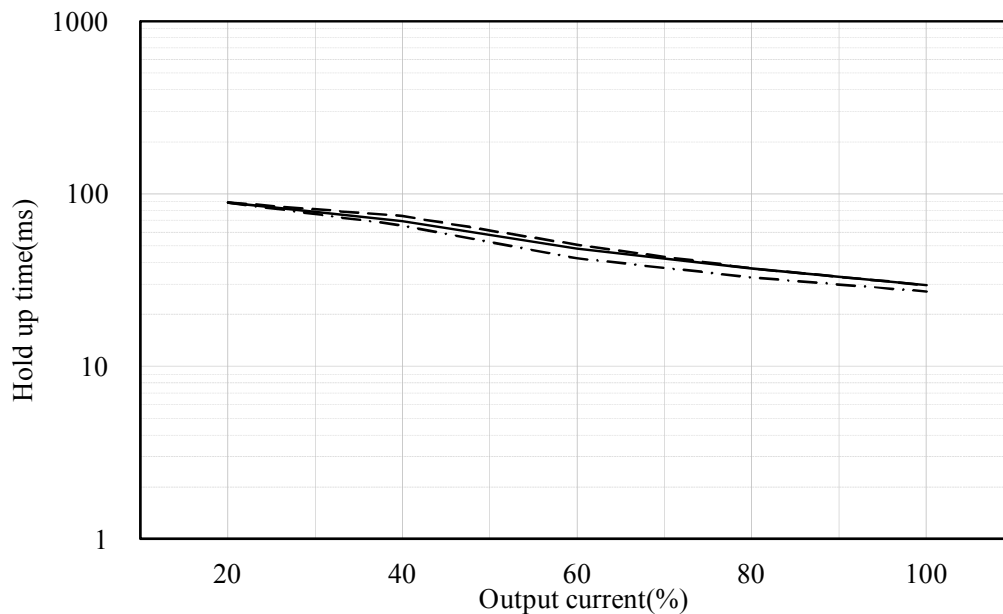
conditions Ta : 25°C ———
: -10°C - - - - -
: 60°C - - - - -



Hold up time characteristics

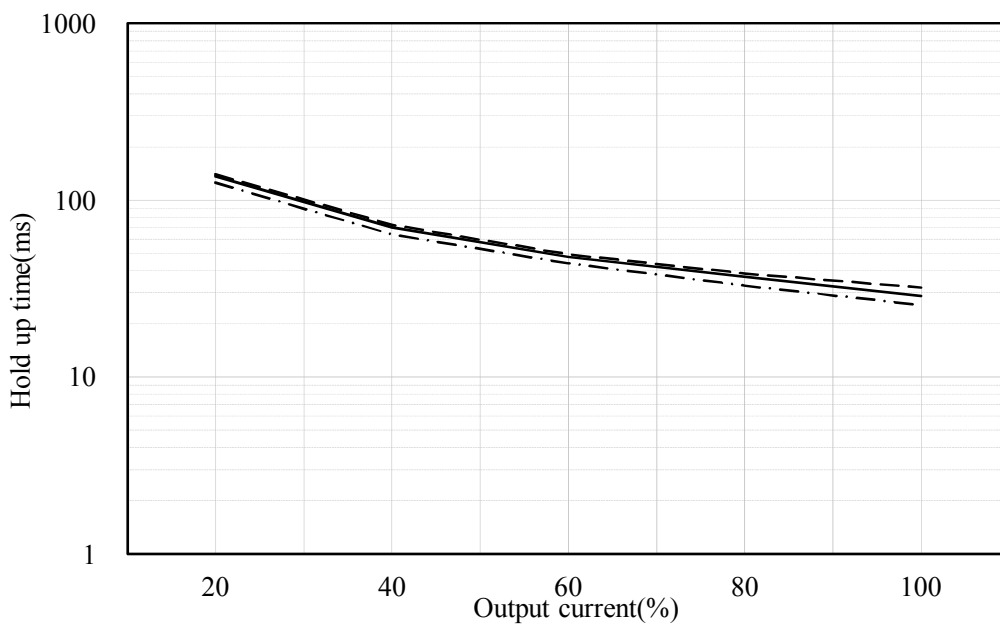
Input Voltage : 100 VAC

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



Input Voltage : 200 VAC

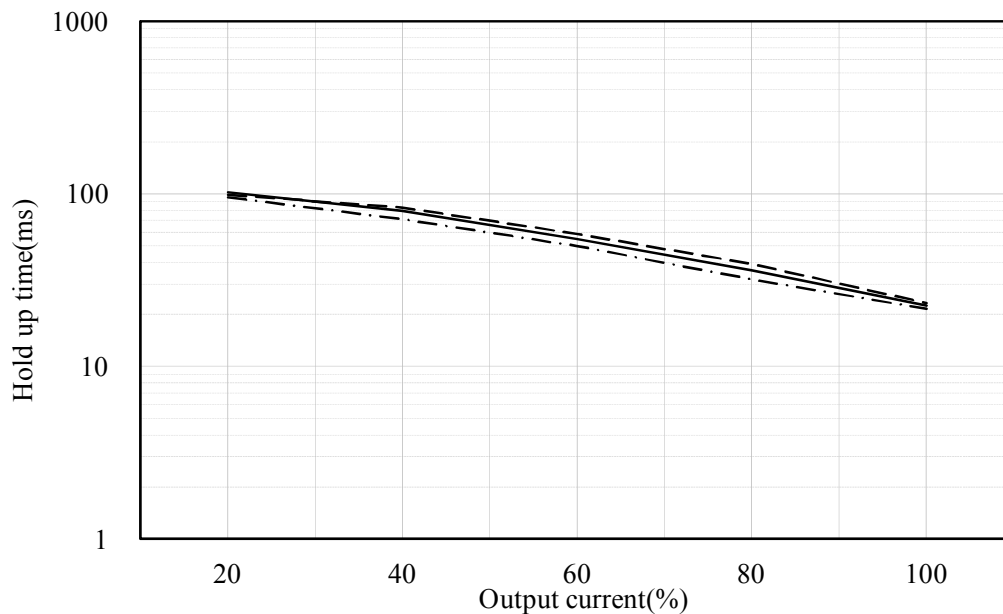
conditions Ta : 25°C ———
: -10°C - - - - -
: 60°C - - - - -



Hold up time characteristics

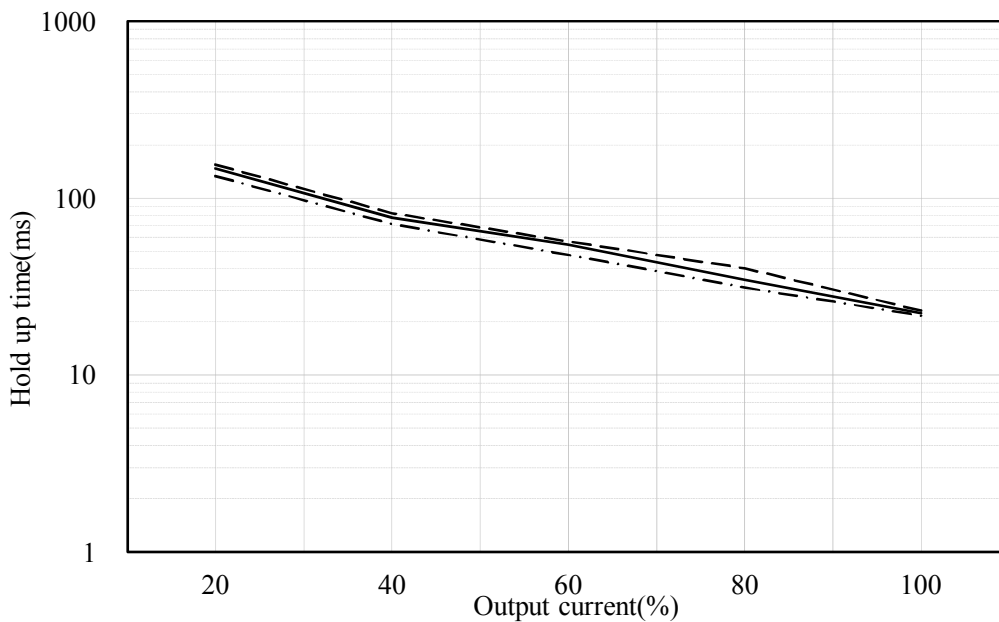
Input Voltage : 100 VAC

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



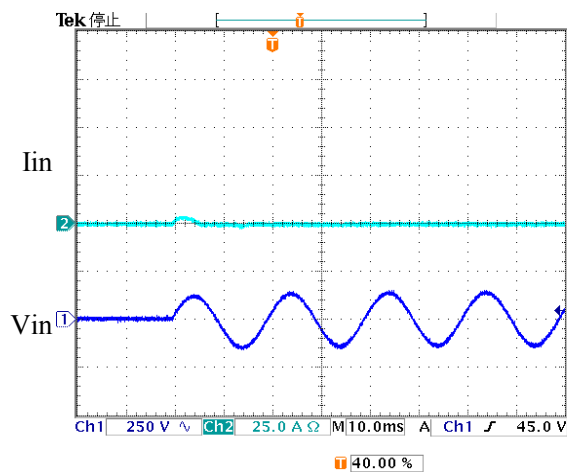
Input Voltage : 200 VAC

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



Inrush Current Characteristics

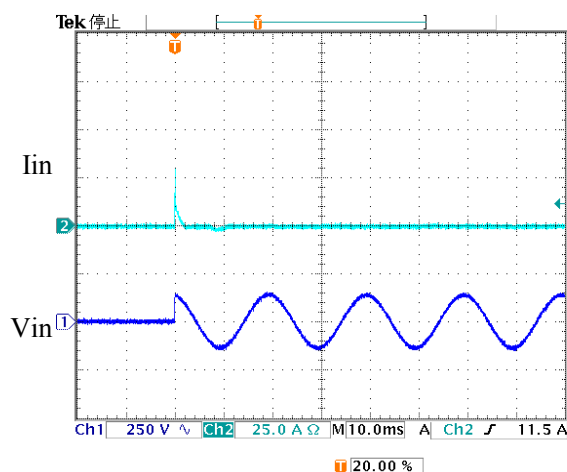
Ta : 25°C



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

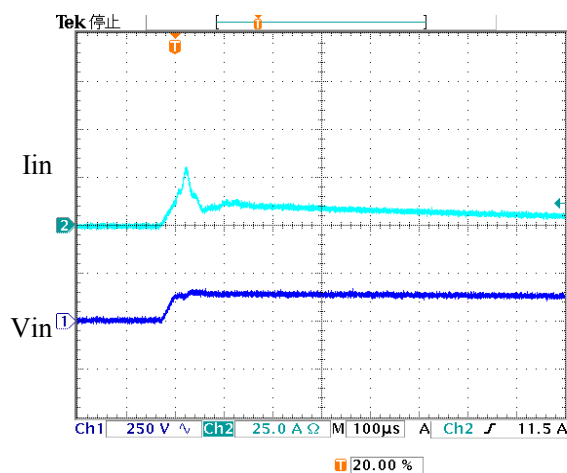
Iin : 25 A/DIV
 Vin : 250 VAC/DIV
 TIME : 10 ms/DIV

I_{max} : 3.5 A



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

Iin : 25 A/DIV
 Vin : 250 VAC/DIV
 TIME : 10 ms/DIV

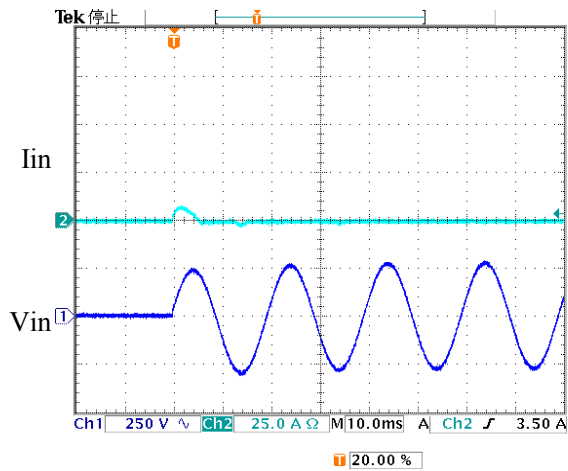


Input Voltage : 100 VAC
 Output Current : 100 %
 Switch on phase angle : $\phi=90^\circ$

Iin : 25 A/DIV
 Vin : 250 VAC/DIV
 TIME : 100 μs/DIV

Inrush Current Characteristics

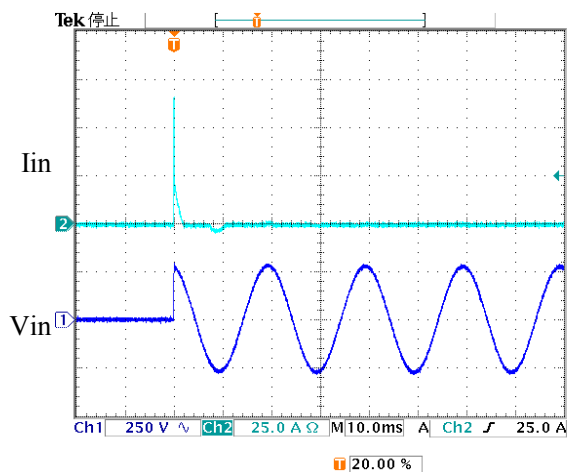
Ta : 25°C



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

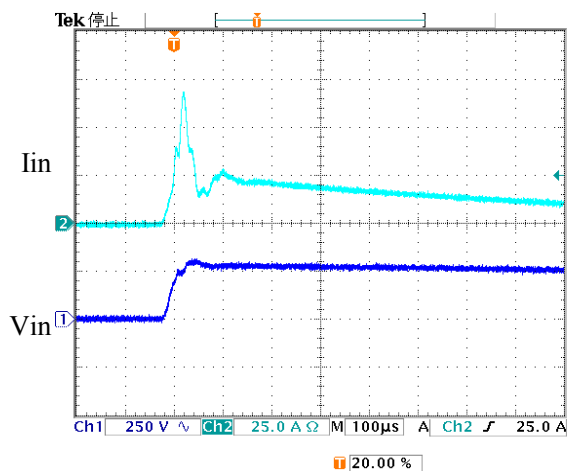
Iin : 25 A/DIV
 Vin : 250 VAC/DIV
 TIME : 10 ms/DIV

I_{max} : 7.5 A



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

Iin : 25 A/DIV
 Vin : 250 VAC/DIV
 TIME : 10 ms/DIV

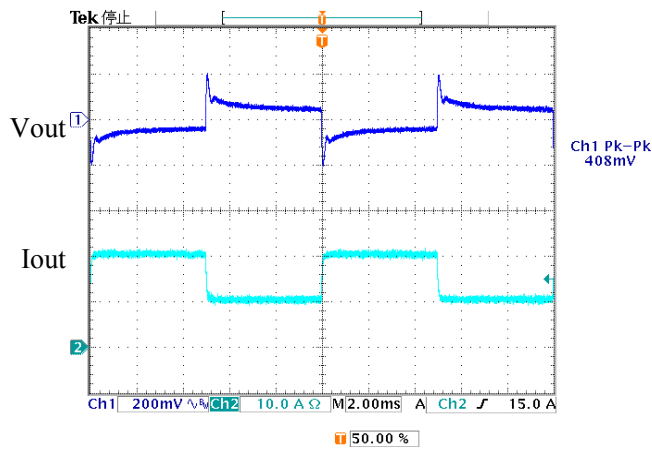


Input Voltage : 200 VAC
 Output Current : 100 %
 Switch on phase angle : $\varphi=90^\circ$

Iin : 25 A/DIV
 Vin : 250 VAC/DIV
 TIME : 100 μs/DIV

Dynamic Load Response Characteristics

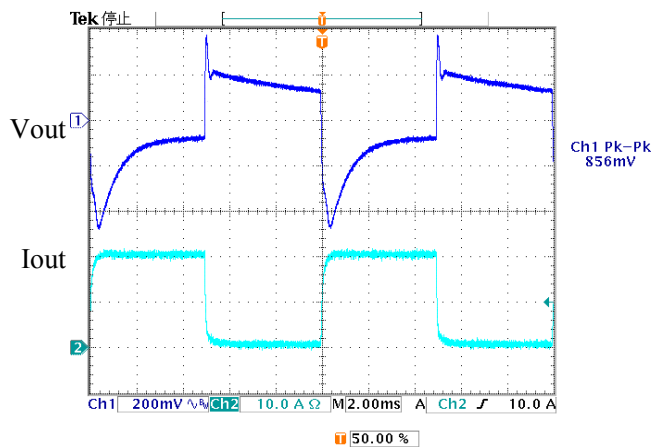
Ta : 25°C



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

Vout : 200 mVAC/DIV
Iout : 10.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 408 mV



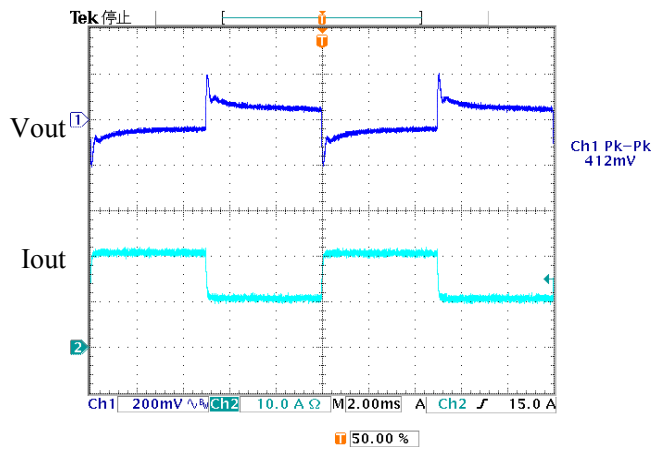
Input Voltage : 100 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 10.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 856 mV

Dynamic Load Response Characteristics

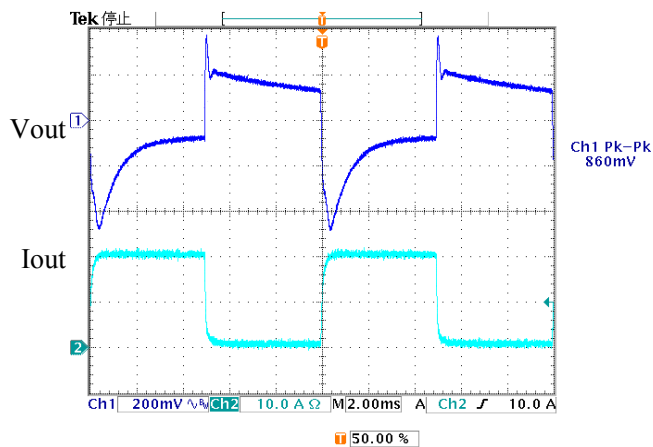
Ta : 25°C



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

Vout : 200 mVAC/DIV
Iout : 10.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 412 mV



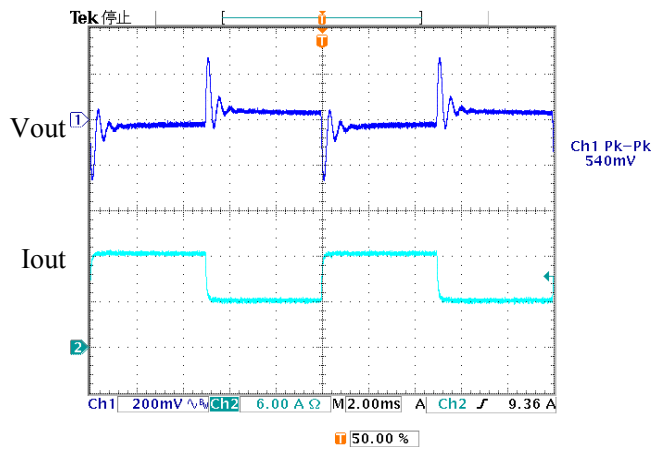
Input Voltage : 200 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 10.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 860 mV

Dynamic Load Response Characteristics

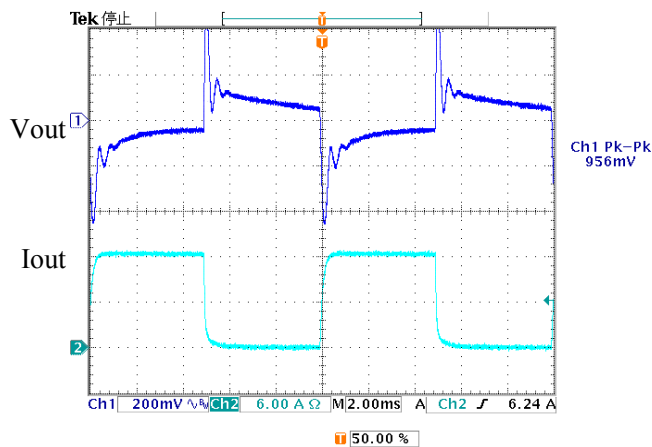
Ta : 25°C



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

Vout : 200 mVAC/DIV
Iout : 6.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 540 mV



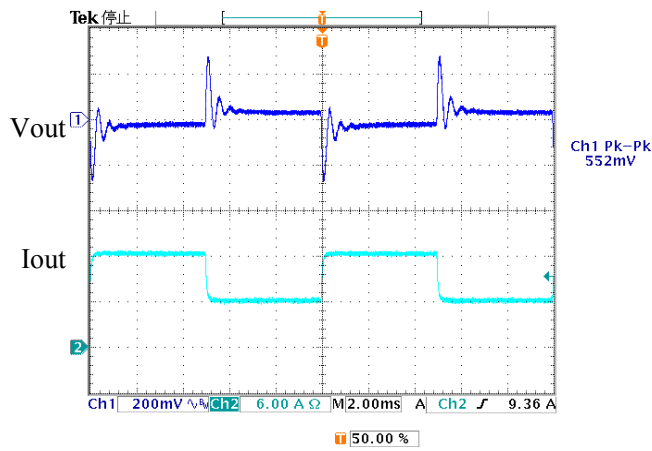
Input Voltage : 100 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 6.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 956 mV

Dynamic Load Response Characteristics

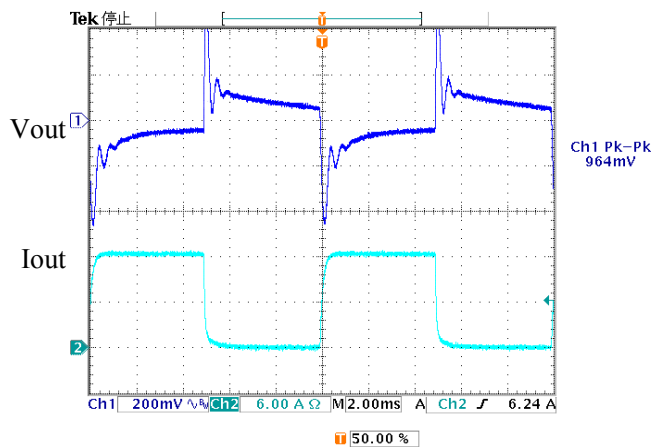
Ta : 25°C



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

Vout : 200 mVAC/DIV
Iout : 6.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 552 mV



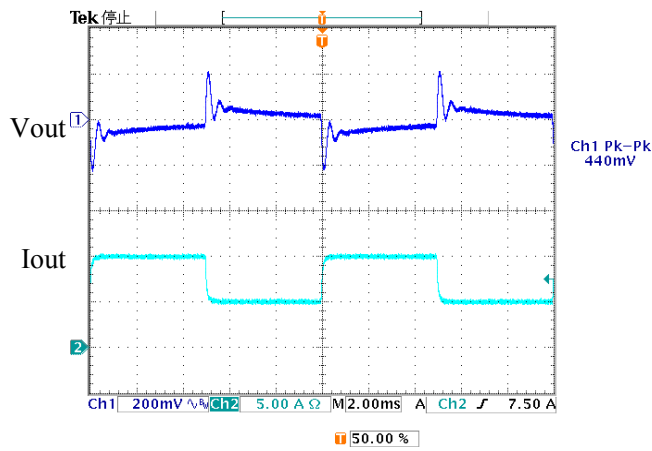
Input Voltage : 200 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 6.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 964 mV

Dynamic Load Response Characteristics

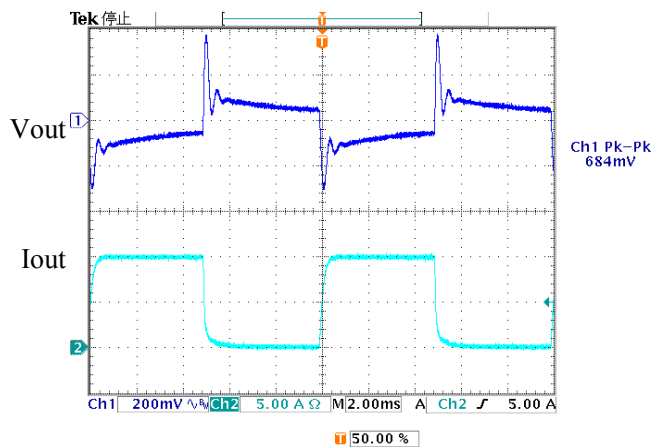
Ta : 25°C



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

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

Vp-p : 440 mV



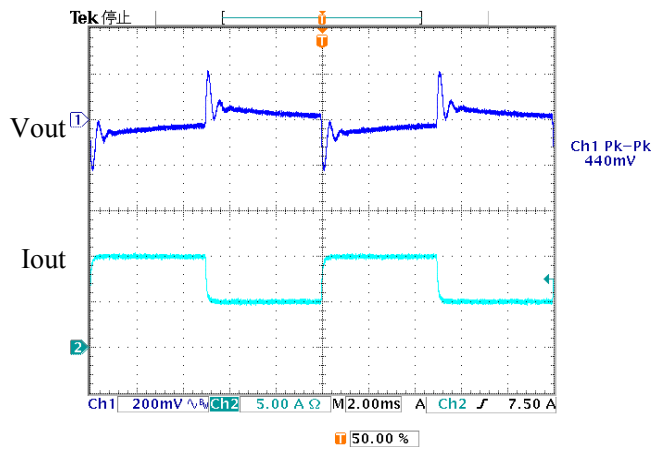
Input Voltage : 100 VAC
Output Current : 0 ⇔ 100 %

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

Vp-p : 684 mV

Dynamic Load Response Characteristics

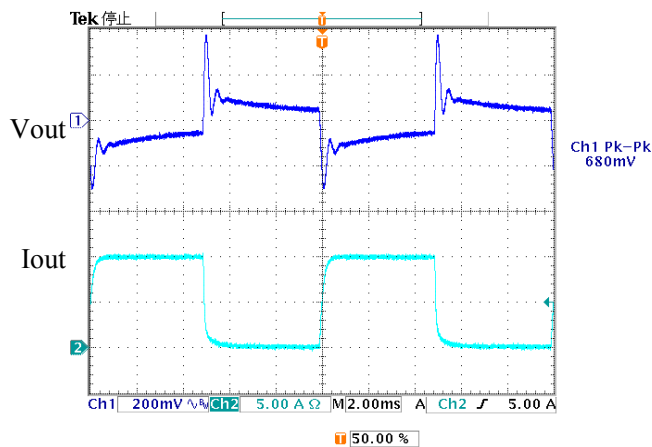
Ta : 25°C



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

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

Vp-p : 440 mV



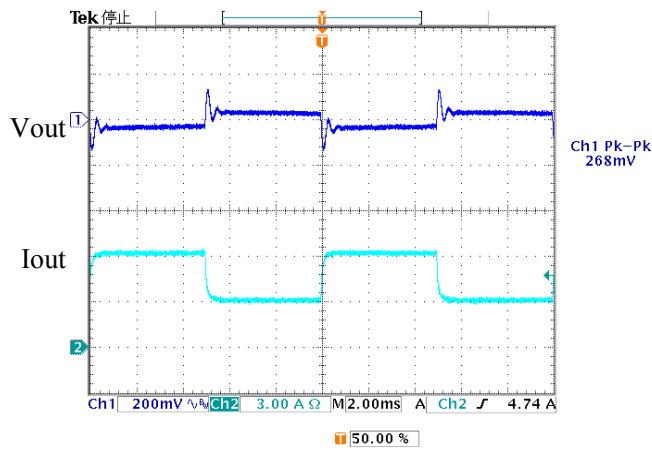
Input Voltage : 200 VAC
Output Current : 0 ⇔ 100 %

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

Vp-p : 680 mV

Dynamic Load Response Characteristics

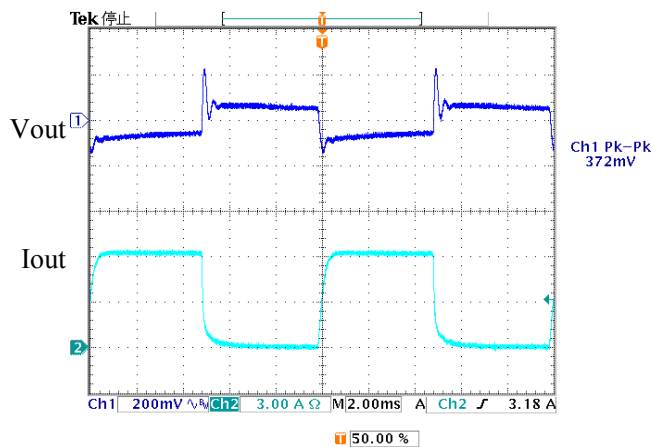
Ta : 25°C



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

Vout : 200 mVAC/DIV
Iout : 3.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 268 mV



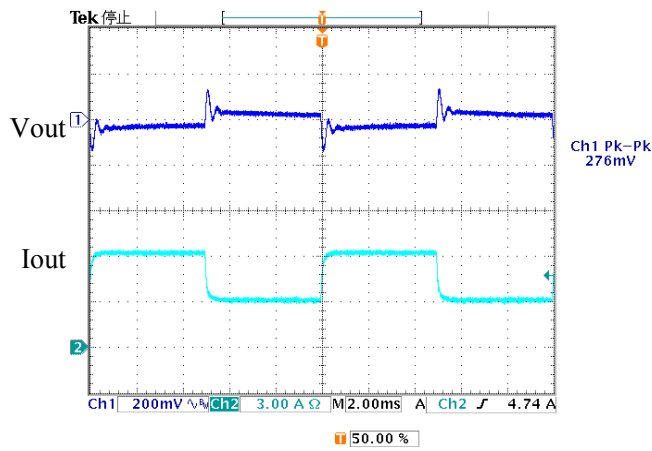
Input Voltage : 100 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 3.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 372 mV

Dynamic Load Response Characteristics

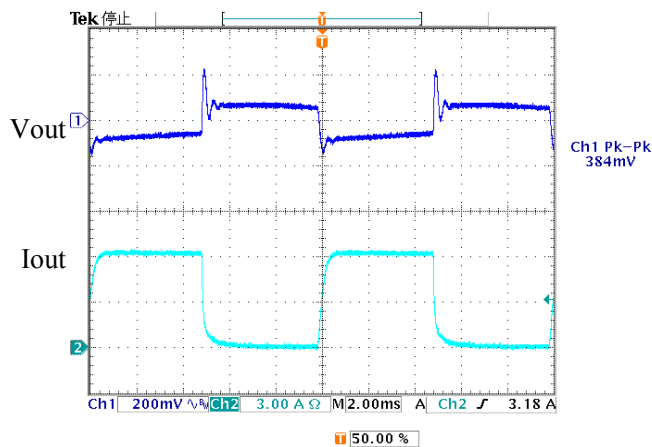
Ta : 25°C



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

Vout : 200 mVAC/DIV
Iout : 3.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 276 mV



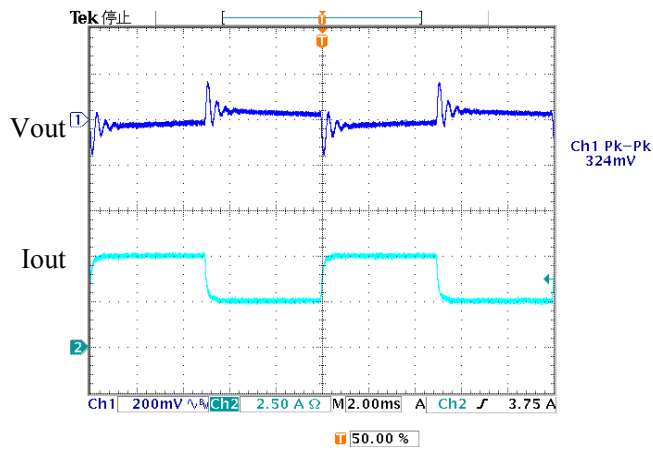
Input Voltage : 200 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 3.0 A/DIV
TIME : 2 ms/DIV

Vp-p : 384 mV

Dynamic Load Response Characteristics

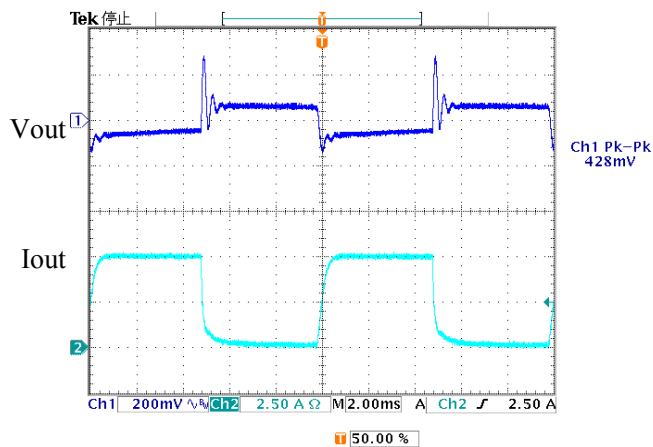
Ta : 25°C



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

Vout : 200 mVAC/DIV
Iout : 2.5 A/DIV
TIME : 2 ms/DIV

Vp-p : 324 mV



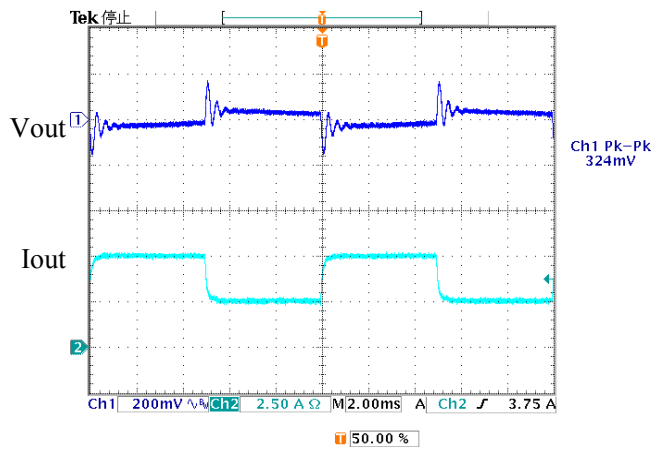
Input Voltage : 100 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 2.5 A/DIV
TIME : 2 ms/DIV

Vp-p : 428 mV

Dynamic Load Response Characteristics

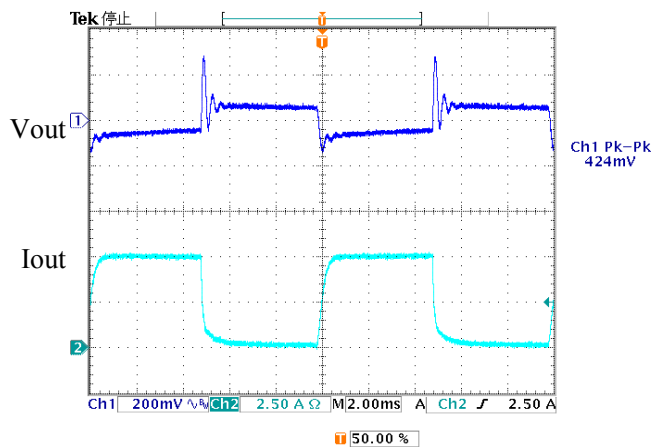
Ta : 25°C



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

Vout : 200 mVAC/DIV
Iout : 2.5 A/DIV
TIME : 2 ms/DIV

Vp-p : 324 mV



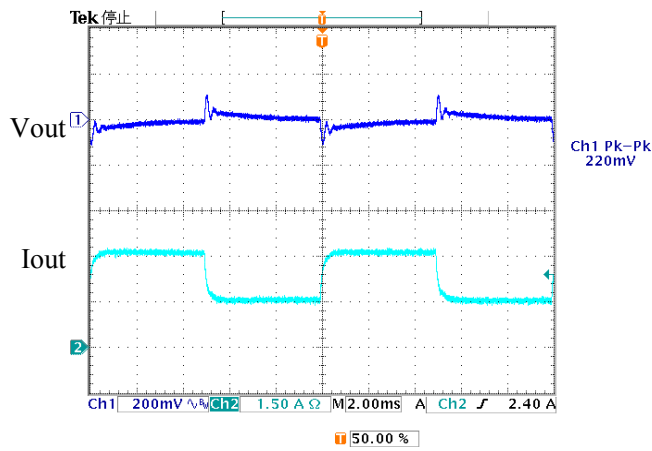
Input Voltage : 200 VAC
Output Current : 0 ⇔ 100 %

Vout : 200 mVAC/DIV
Iout : 2.5 A/DIV
TIME : 2 ms/DIV

Vp-p : 424 mV

Dynamic Load Response Characteristics

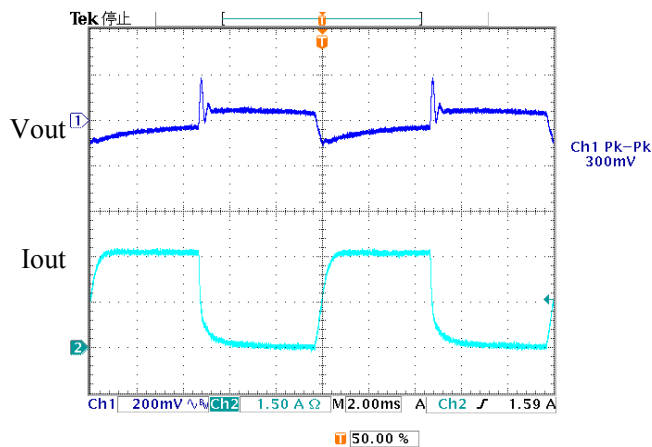
Ta : 25°C



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

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

Vp-p : 220 mV



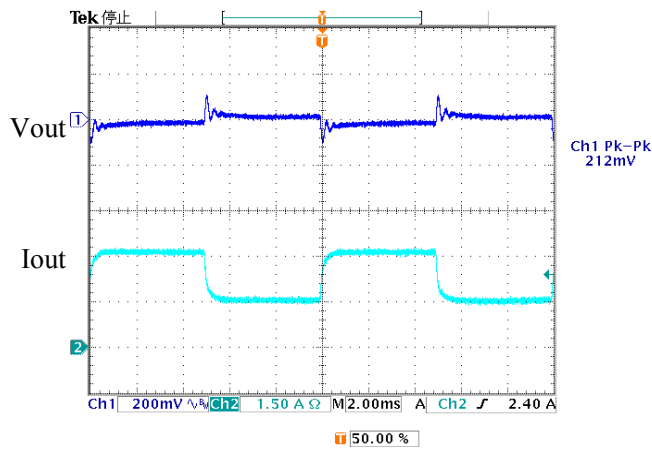
Input Voltage : 100 VAC
Output Current : 0 ⇔ 100 %

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

Vp-p : 300 mV

Dynamic Load Response Characteristics

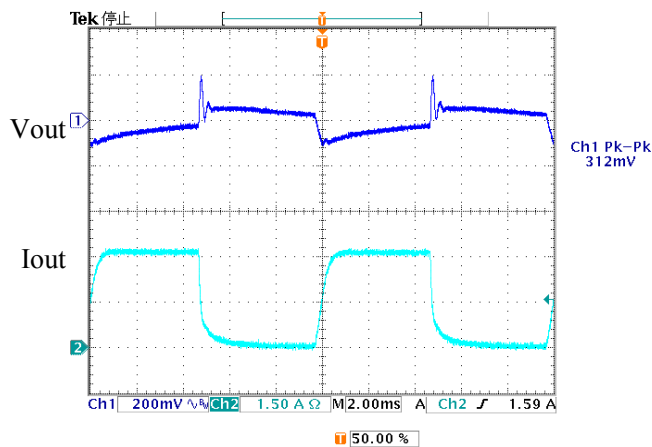
Ta : 25°C



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

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

Vp-p : 212 mV



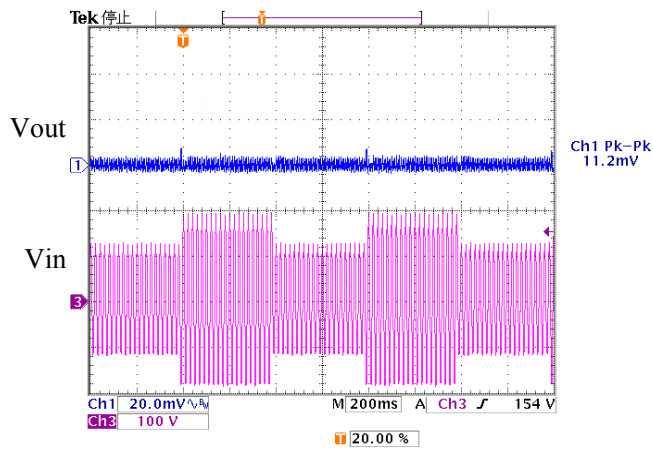
Input Voltage : 200 VAC
Output Current : 0 ⇔ 100 %

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

Vp-p : 312 mV

Dynamic Line Response Characteristics

Ta : 25°C

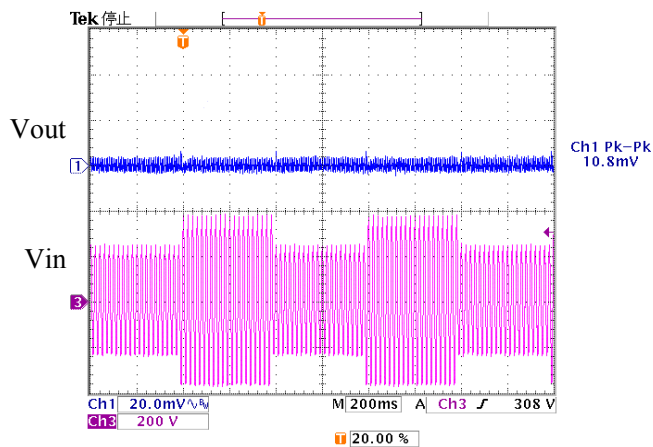


Input Voltage : 85 ⇔ 132 VAC
Output Current : 100 %

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

normal / event duration : 400 ms

Vp-p : 11.2 mV



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

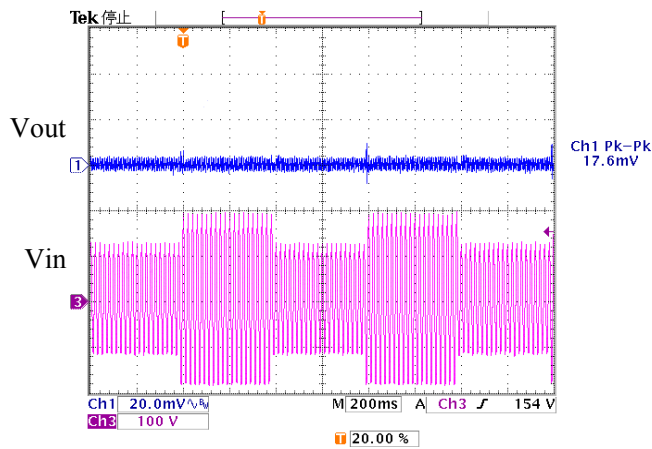
Vin : 200 VAC/DIV
Vout : 10 mVAC/DIV
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 10.8 mV

Dynamic Line Response Characteristics

Ta : 25°C

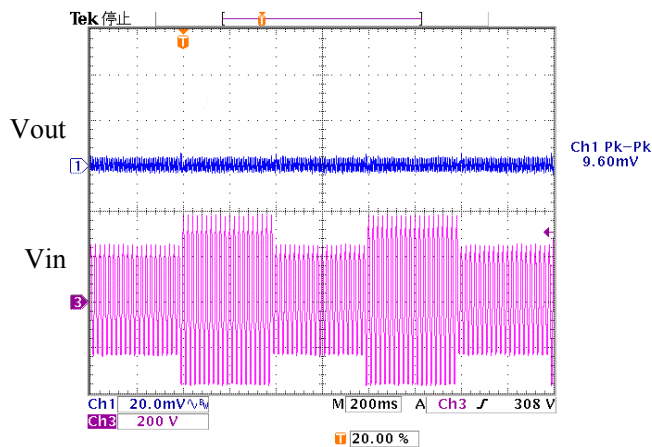


Input Voltage : 85 ⇔ 132 VAC
Output Current : 100 %

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

normal / event duration : 400 ms

Vp-p : 17.6 mV



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

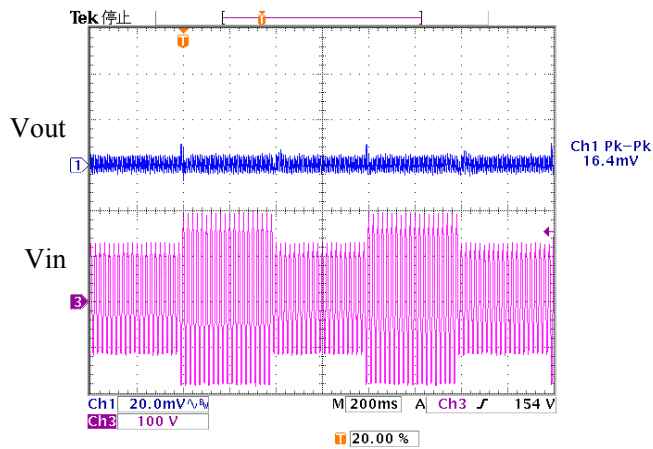
Vin : 200 VAC/DIV
Vout : 10 mVAC/DIV
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 9.6 mV

Dynamic Line Response Characteristics

Ta : 25°C

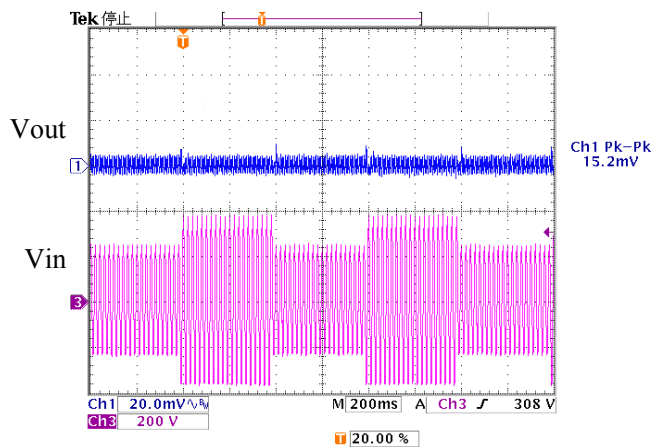


Input Voltage : 85 ⇔ 132 VAC
Output Current : 100 %

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

normal / event duration : 400 ms

Vp-p : 16.4 mV



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

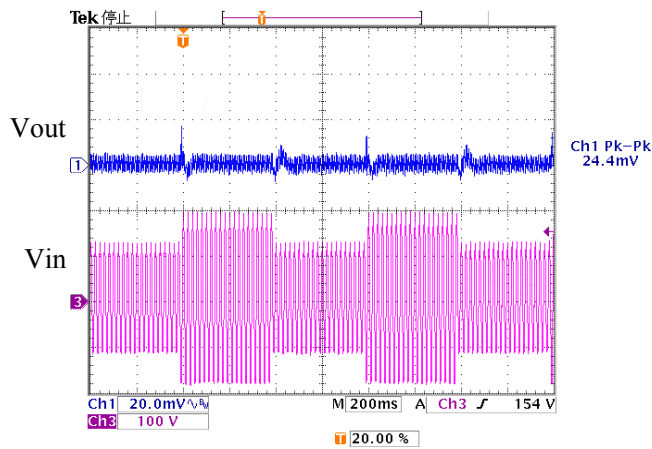
Vin : 200 VAC/DIV
Vout : 10 mVAC/DIV
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 15.2 mV

Dynamic Line Response Characteristics

Ta : 25°C

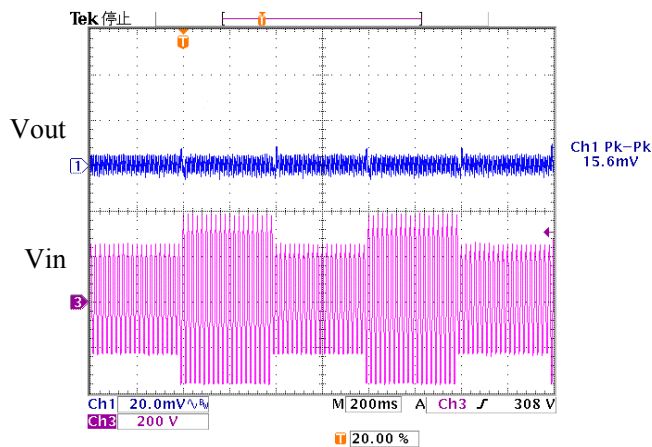


Input Voltage : 85 ⇔ 132 VAC
Output Current : 100 %

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

normal / event duration : 400 ms

Vp-p : 24.4 mV



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

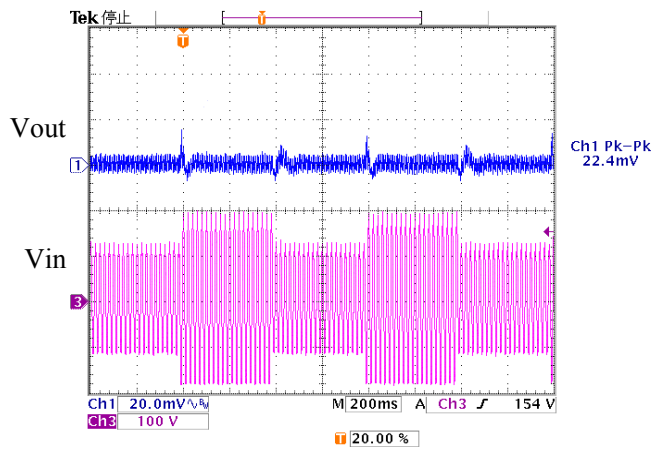
Vin : 200 VAC/DIV
Vout : 10 mVAC/DIV
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 15.6 mV

Dynamic Line Response Characteristics

Ta : 25°C

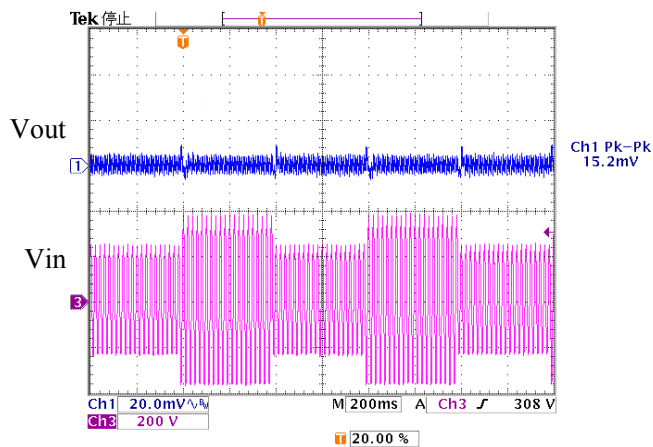


Input Voltage : 85 ⇔ 132 VAC
Output Current : 100 %

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

normal / event duration : 400 ms

Vp-p : 22.4 mV



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

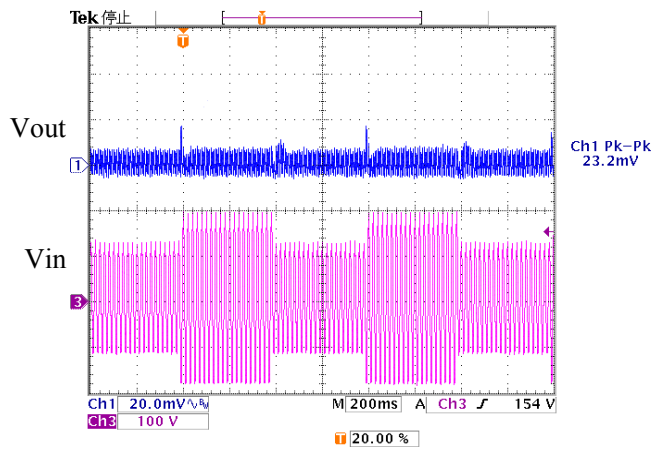
Vin : 200 VAC/DIV
Vout : 10 mVAC/DIV
TIME : 200 ms/DIV

normal / event duration : 400 ms

Vp-p : 15.2 mV

Dynamic Line Response Characteristics

Ta : 25°C

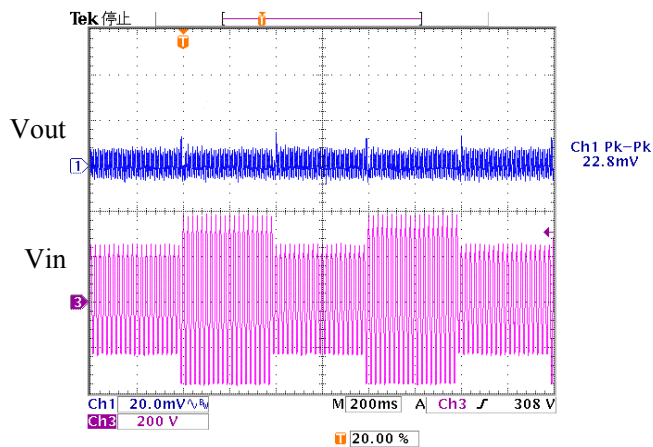


Input Voltage : 85 ⇔ 132 VAC
Output Current : 100 %

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

normal / event duration : 400 ms

Vp-p : 23.2 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 : 22.8 mV

Leakage Current Characteristics

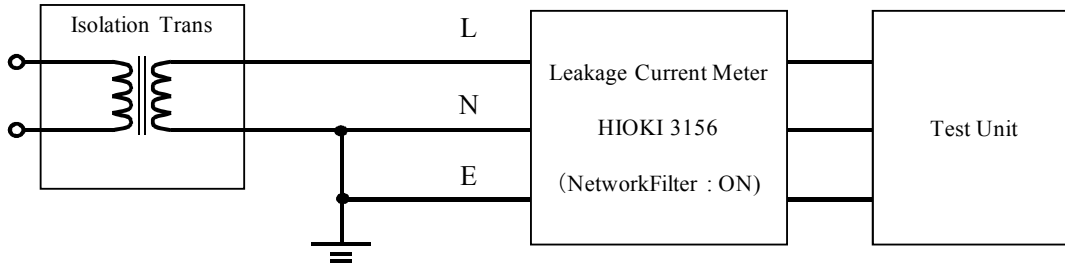
Measurement Condition

Ambient temperature : 25 °C
 Input Voltage : 85 - 264VAC
 Output Current : 0% load

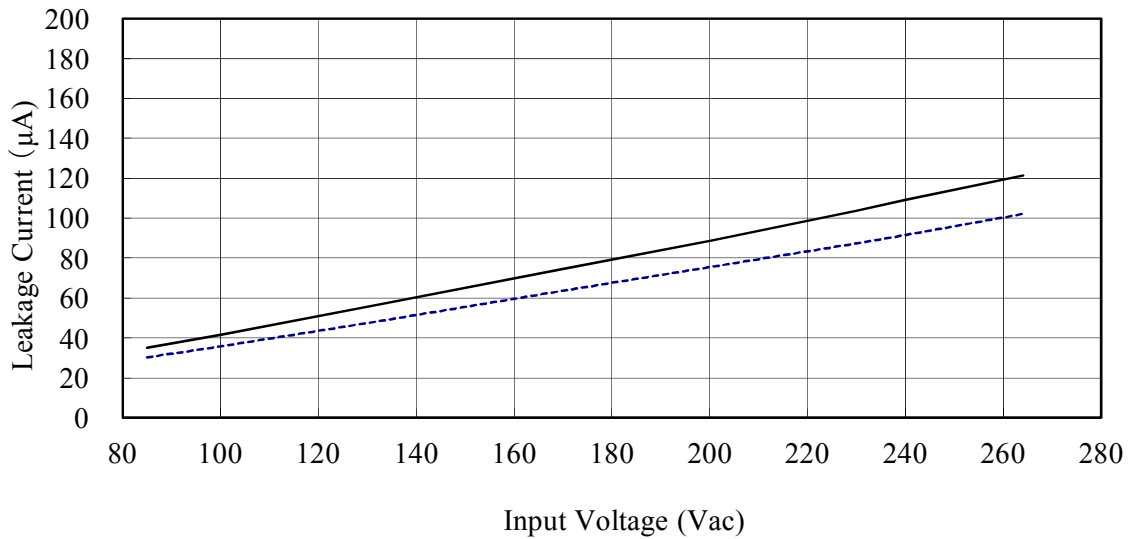
Ta : 25°C

f : 50Hz -----
 f : 60Hz ————

Measurement Position



■L-FG



■N-FG

