



EXTRA TEST DATA OF AEA1000F-24

*Regulated DC Power Supply
Nov, 20, 2022*

COSEL CO.,LTD.

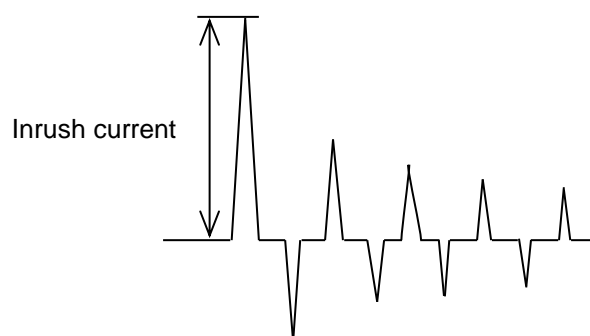
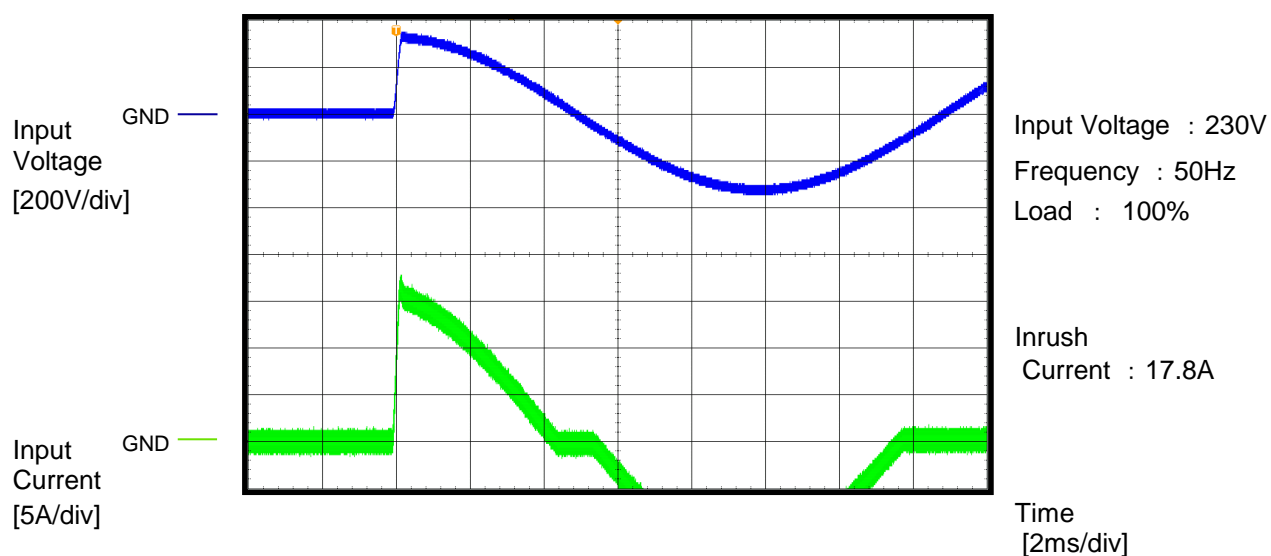
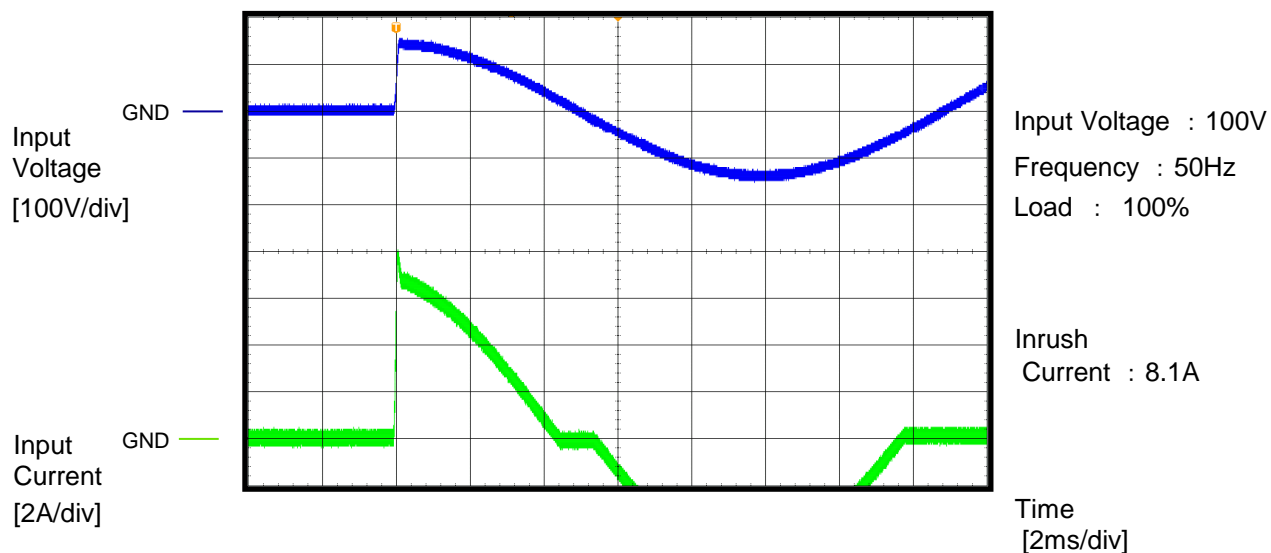
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Model	AEA1000F-24	Temperature 25°C Testing Circuitry A
Item	Inrush Current (enlargement)	
Object	_____	

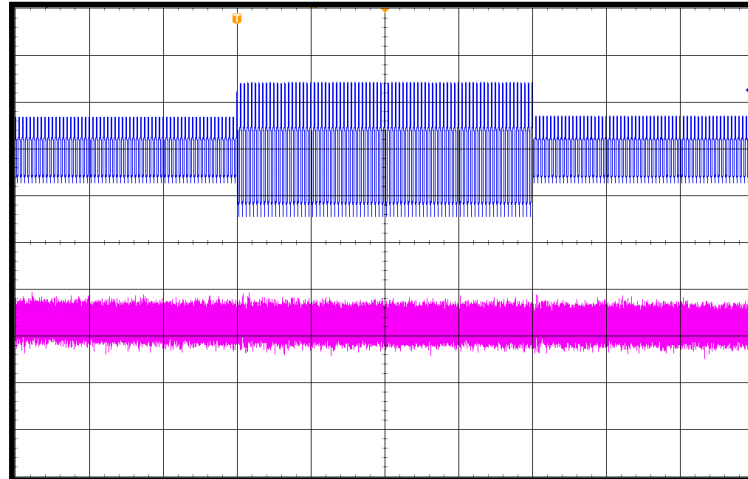


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Model	AEA1000F-24	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		

Input Voltage
[200V/div]

Output Voltage
[50mV/div]



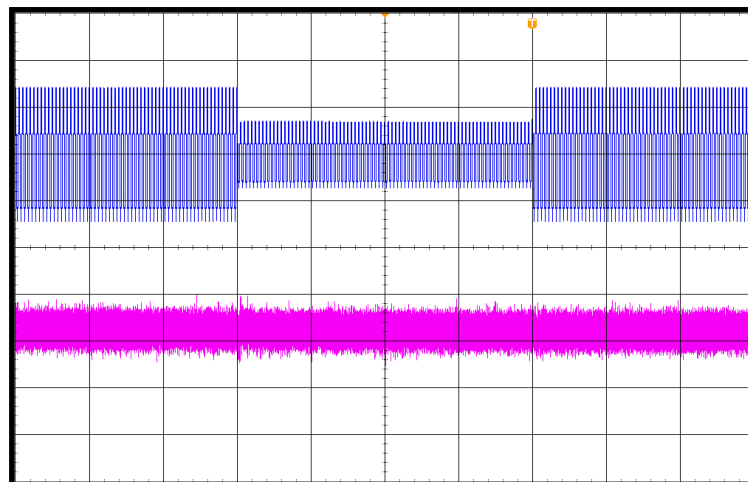
Input Voltage :
100V \leftrightarrow 230V

Frequency : 50Hz
Load : 100%

Time
[400ms/div]

Input Voltage
[200V/div]

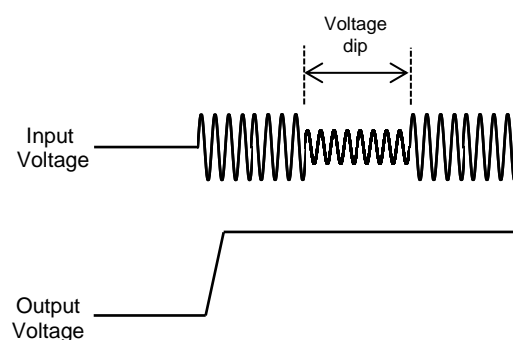
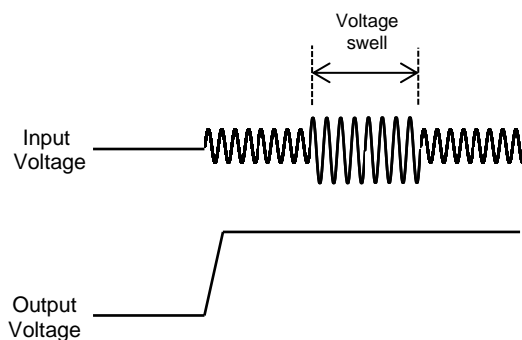
Output Voltage
[50mV/div]



Input Voltage :
230V \leftrightarrow 100V

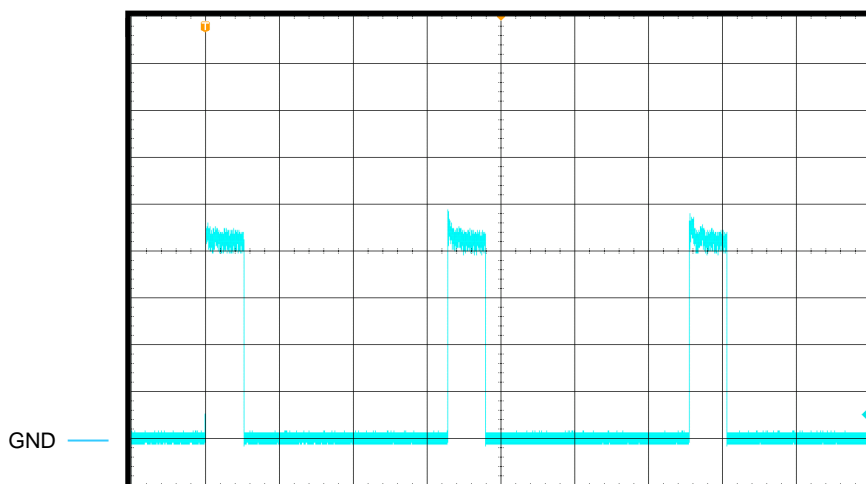
Frequency : 50Hz
Load : 100%

Time
[400ms/div]



Model	AEA1000F-24	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object		Load	: Short

Output
Current
[50A/div]



Input Voltage : 100V

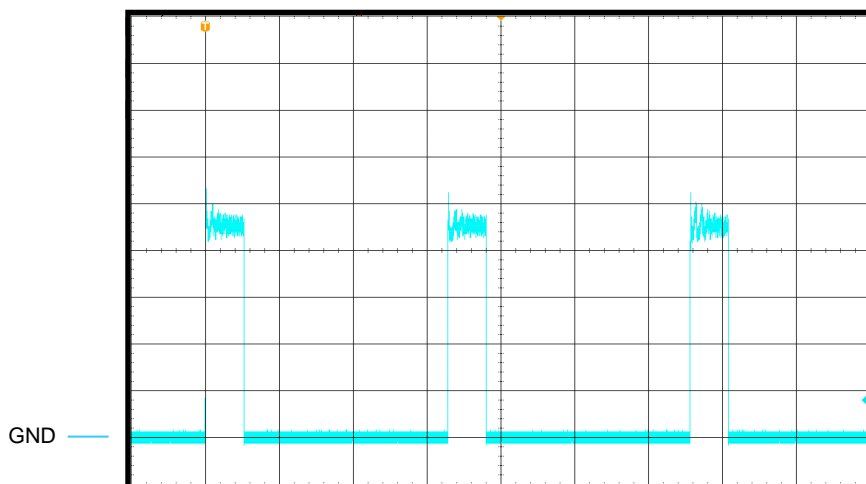
Short-circuit
current : 244A

ON Time : 209ms

Hiccup mode
time : 1312ms

Time
[400ms/div]

Output
Current
[50A/div]



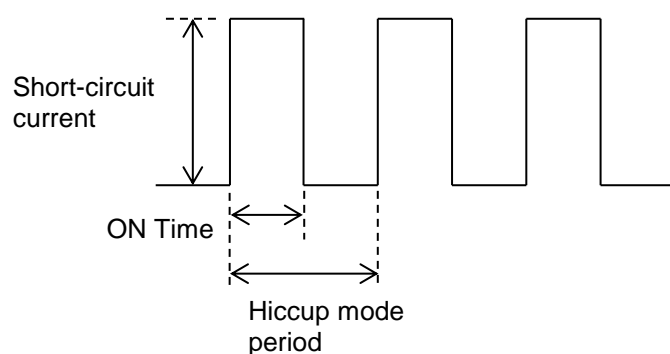
Input Voltage : 230V

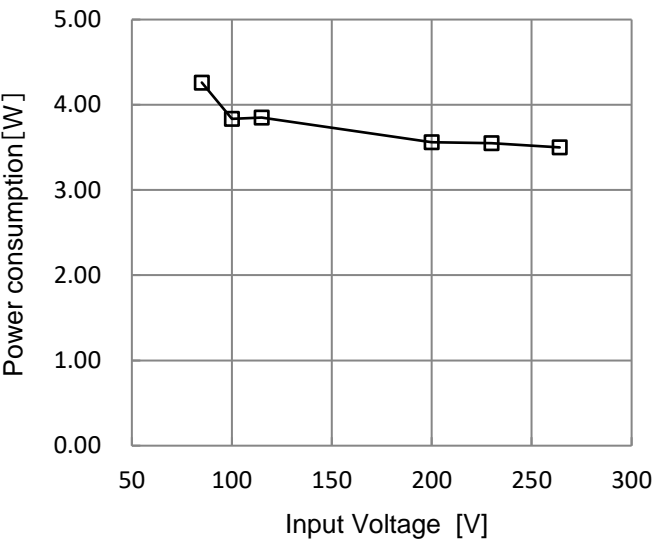
Short-circuit
current : 266A

ON Time : 209ms

Hiccup mode
time : 1313ms

Time
[400ms/div]



Model	AEA1000F-24																
Item	Input voltage - Power consumption		Temperature 25°C Testing Circuitry -														
Object	Load :0%																
1.Graph		2.Values															
		<table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>4.26</td></tr><tr><td>100</td><td>3.84</td></tr><tr><td>115</td><td>3.85</td></tr><tr><td>200</td><td>3.56</td></tr><tr><td>230</td><td>3.55</td></tr><tr><td>264</td><td>3.50</td></tr></table>		Input voltage [V]	Power consumption [W]	85	4.26	100	3.84	115	3.85	200	3.56	230	3.55	264	3.50
Input voltage [V]	Power consumption [W]																
85	4.26																
100	3.84																
115	3.85																
200	3.56																
230	3.55																
264	3.50																
Reducing standby power is possible by OFF signal of the remote control.																	

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