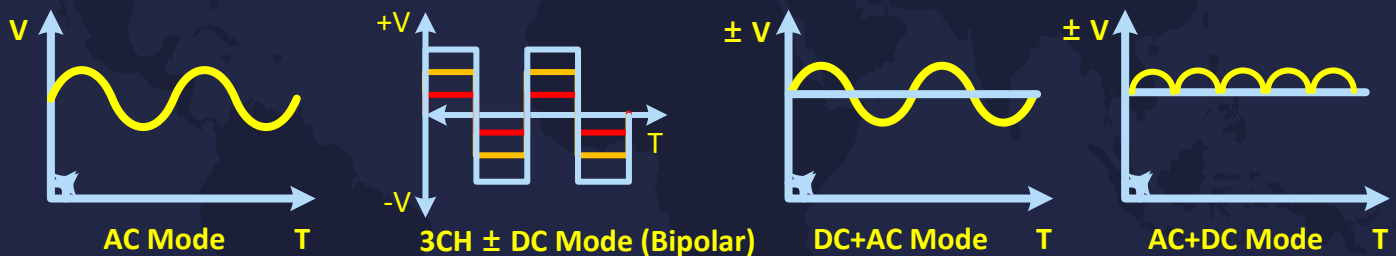




1. AFX Series Output Voltage



2. AFX-AGE Key point (HARDWARE)

- * **4U – Small Size or High Power 6KVA ~ 150KVA**
- * Voltage Range : L-N : 0~333Vac / L-L : 576Vac ("T" Option : L-N : 0~400Vac / L-L:692Vac)
- * FREQ Range : DC or 1Hz ~ 3000Hz
- * 위의 4가지 외 **Output 시그널을 제공** (AC, +DC, -DC, AC+DC, **Bipolar, 3CH DC Power**)
- * AFX Interface : GPIB / RS-232 / USB / LAN / **Analog I/O / LXI** (PC 무선 control / 안드로이드폰 / 아이폰 / HDMI All Control가능 / Win 10지원.)
- * **Programmable Impedance** : L and R Programmable Setting support (3-3,11 지원)
- * High Voltage Range(에서 기존Specifications 보다 **Current Limit가 wide함**.)
- * **Harmonics Analyzer (H2~H50 Bar chart 측정) and Waveform Synthesis : Support.**
- * **Power Limit 기능추가로 Motor TEST시 용이하게 사용 가능해짐.**
- * **규격 TEST 지원** : IEC4-11 / 14 / 17 / 27 / 28 / 29p / 34
MIL-STD-704A,F / DO160G / MIL-STD-1399-300B / AMD-24C / ABD-100.1.8.1C / 787B3-0147 Airbus Test
- * AFX Standby Mode로 소비전력 최소화 기능 추가.
- * **AFX LXI Software : PC Control and 스마트폰 Control 사용가능**

*** 4U – Small Size High Power 6KVA ~ 150KVA**

More Power, Less Space...

PACIFIC
POWER SOURCE



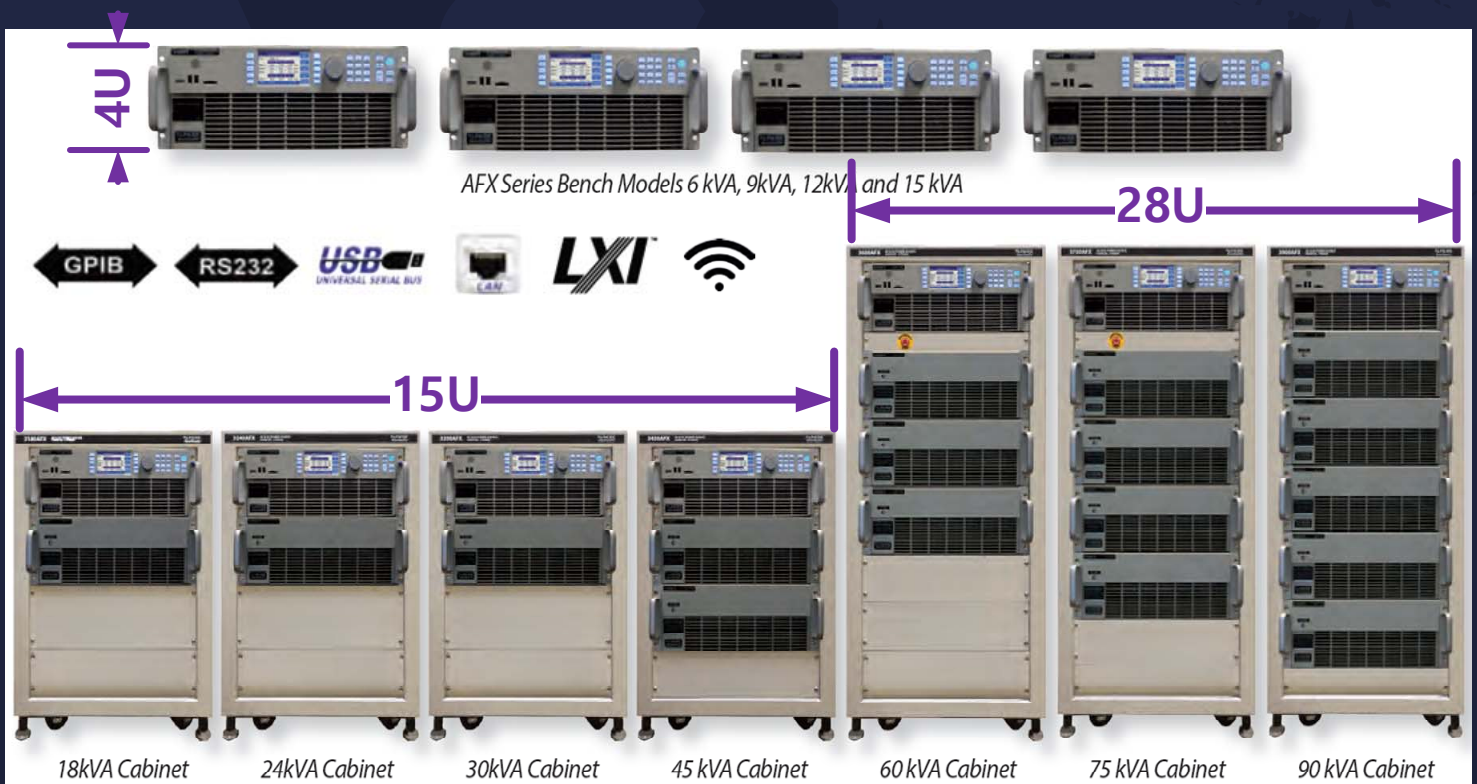
AFX Series



Patents Pending

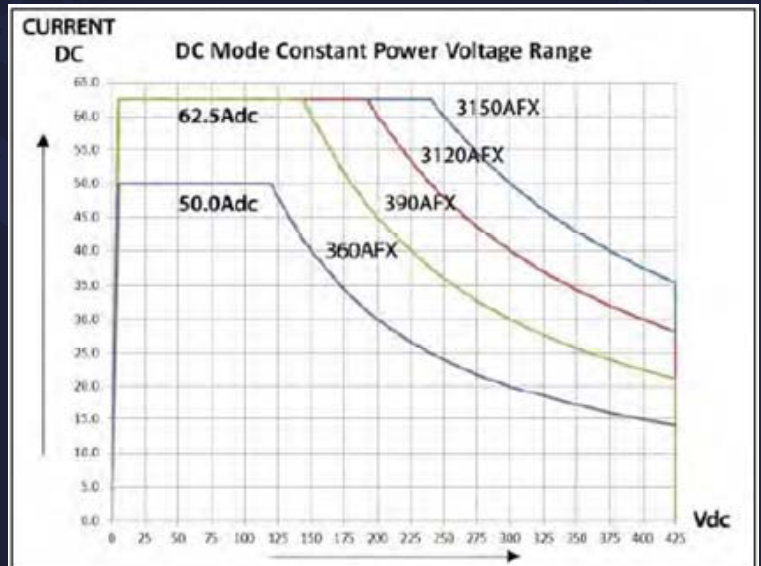
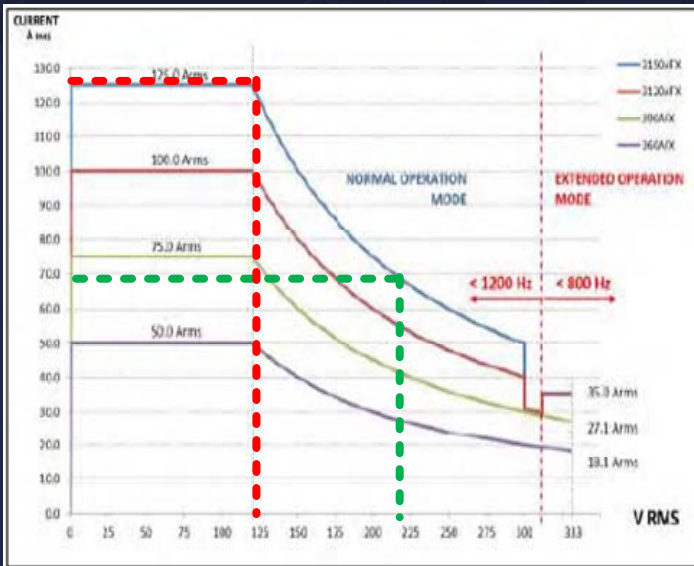
www.pacificpower.com

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* High Voltage Range에서 기존 Specifications 보다 Current Limit가 wide함.

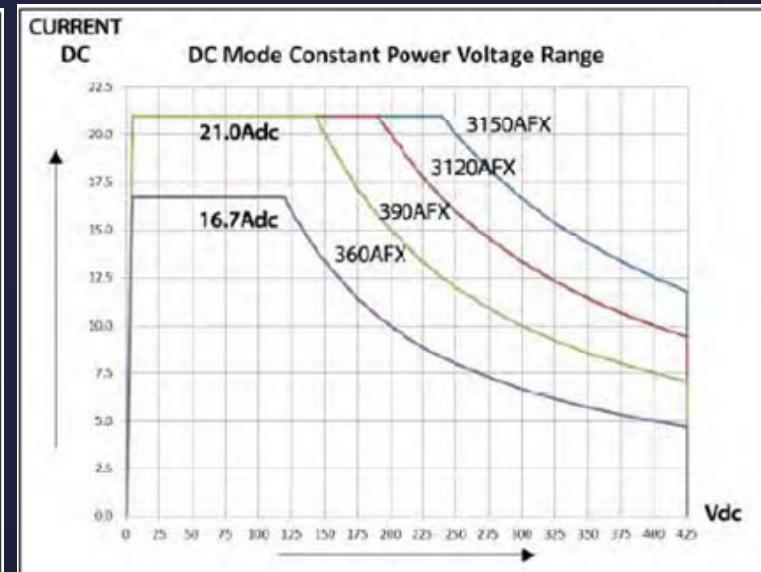
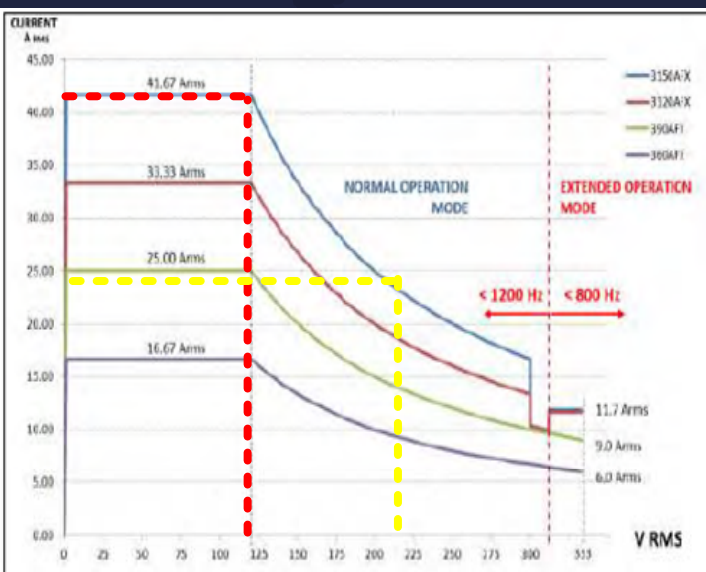
MODEL	Phase Mode	Rated Power ¹ AC / DC mode	Voltage Ranges ² Vac L-N / Vdc	Max. AC/DC Current ² 3 & 2 Phase Mode	Max. AC/DC Current ² 1 Phase Mode ³	Form Factor
360AFX	1, 2 & 3 Phase	6 kVA, kW / 6 kW	0-333 Vac/ 0-±425Vdc	16.7 Arms / 16.7 Adc	50 Arms / 50.0 Adc	4U Chassis
390AFX	1, 2 & 3 Phase	9 kVA, kW / 9 kW	0-333 Vac/ 0-±425Vdc	25.0 Arms / 21.0 Adc	75 Arms / 62.5 Adc	4U Chassis
3120AFX	1, 2 & 3 Phase	12 kVA, kW / 12 kW	0-333 Vac/ 0-±425Vdc	33.3 Arms / 21.0 Adc	100 Arms / 62.5 Adc	4U Chassis
3150AFX	1, 2 & 3 Phase	15 kVA, kW / 15 kW	0-333 Vac/ 0-±425Vdc	41.7 Arms / 21.0 Adc	125 Arms / 62.5 Adc	4U Chassis
3180AFX	1, 2 & 3 Phase	18 kVA, kW / 18 kW	0-333 Vac/ 0-±425Vdc	50.0 Arms / 41.7 Adc	150 Arms / 125.0 Adc	15U Cabinet
3240AFX	1, 2 & 3 Phase	24 kVA, kW / 24 kW	0-333 Vac/ 0-±425Vdc	66.7 Arms / 41.7 Adc	200 Arms / 125.0 Adc	15U Cabinet
3300AFX	1, 2 & 3 Phase	30 kVA, kW / 30 kW	0-333 Vac/ 0-±425Vdc	83.3 Arms / 41.7 Adc	250 Arms / 125.0 Adc	15U Cabinet
3450AFX	1, 2 & 3 Phase	45 kVA, kW / 45 kW	0-333 Vac/ 0-±425Vdc	125.0 Arms / 62.5 Adc	375 Arms / 189.0 Adc	15U Cabinet
3600AFX	1, 2 & 3 Phase	60 kVA, kW / 60 kW	0-333 Vac/ 0-±425Vdc	166.7 Arms / 83.3 Adc	500 Arms / 250.0 Adc	28U Cabinet
3750AFX	1, 2 & 3 Phase	75 kVA, kW / 75 kW	0-333 Vac/ 0-±425Vdc	208.3 Arms / 104 Adc	625 Arms ³ / 312.5 Adc	28U Cabinet
3900AFX	1, 2 & 3 Phase	90 kVA, kW / 90 kW	0-333 Vac/ 0-±425Vdc	250.0 Arms / 125 Adc	750 Arms ³ / 375.0 Adc	28U Cabinet
Higher	For configurations up to 150kVA/kW, contact factory					



AC 1Phase Output Range

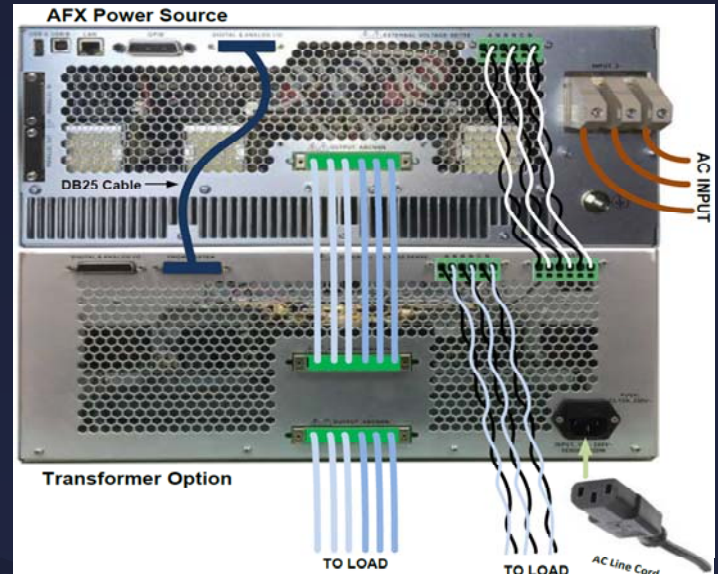
DC 1CH Output Range

AFX-6KVA ~ 15KVA 기준



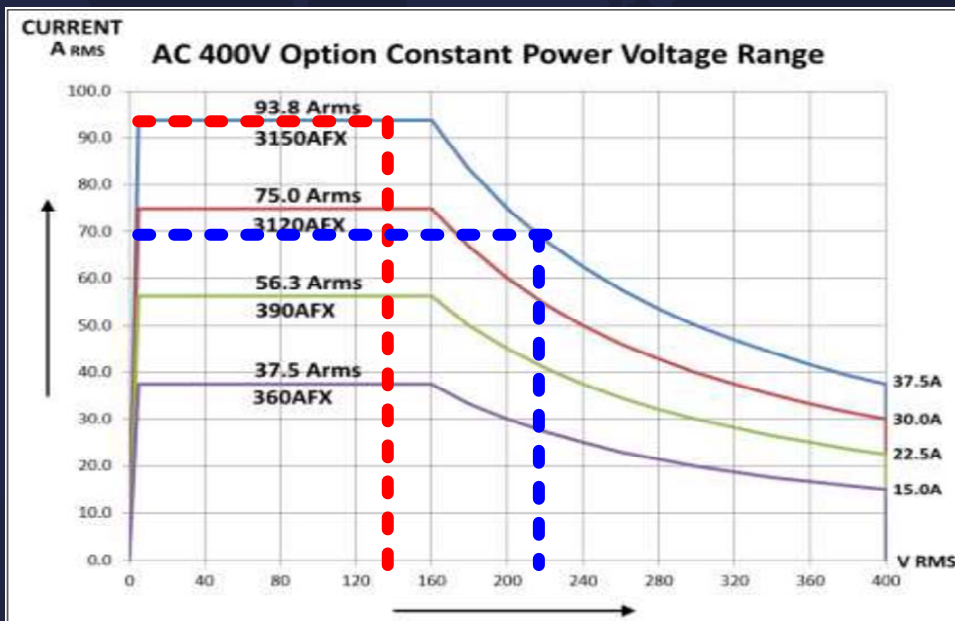
AC 3Phase Output Range

DC 3CH Output Range



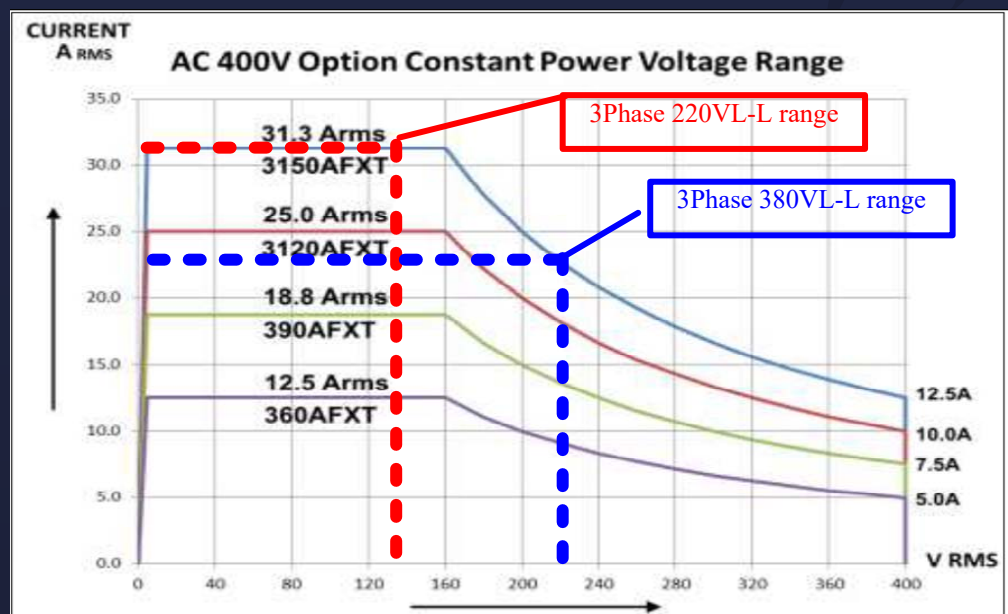
3150AFXT-4AE Model

"T" Option connection



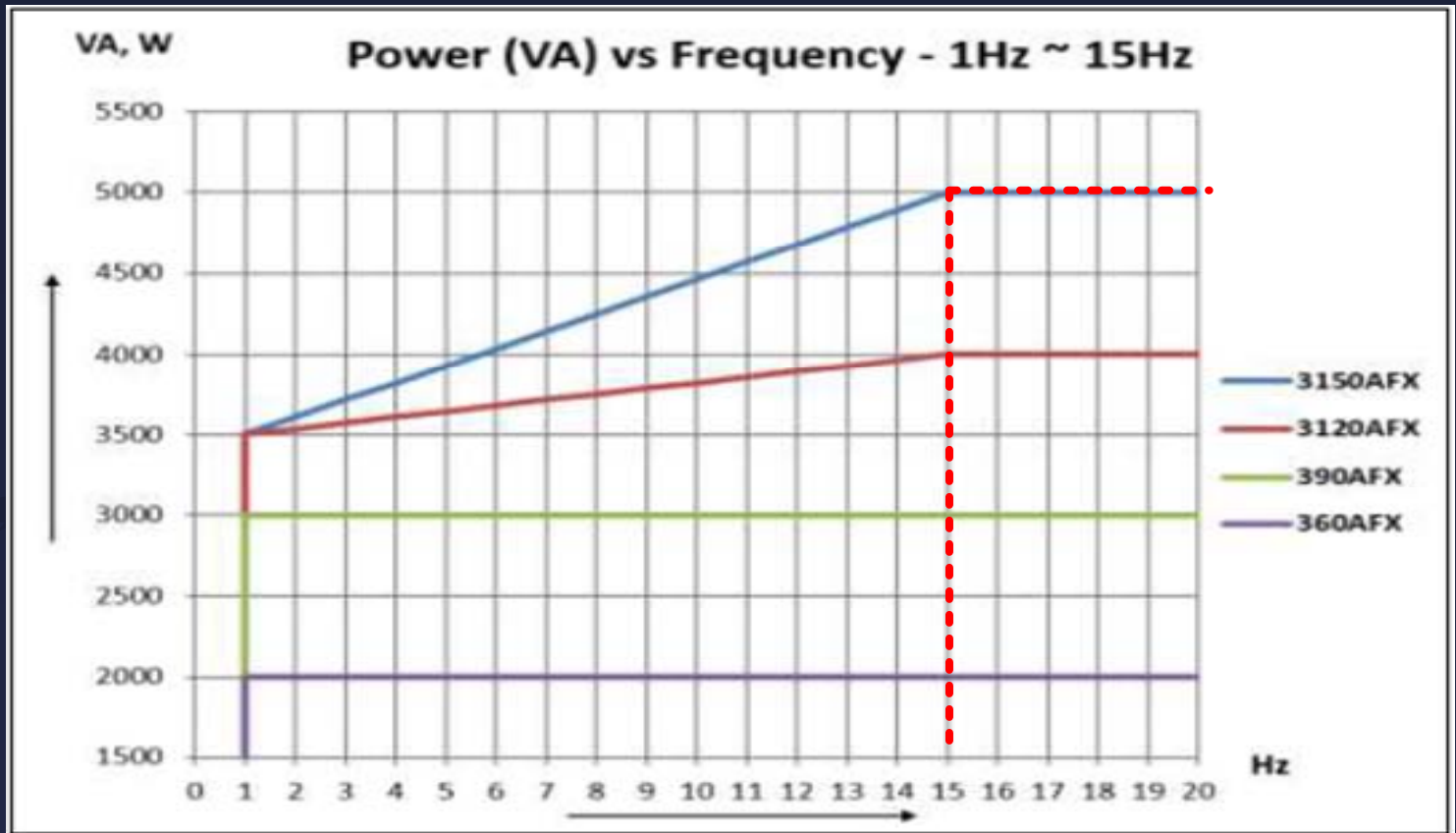
AFXT AC 1Phase
Output V/A Range
0~400Vrms

AFXT AC 3Phase
Output V/A Range
0~400Vrms (L-N)
0~693Vrms (L-L)

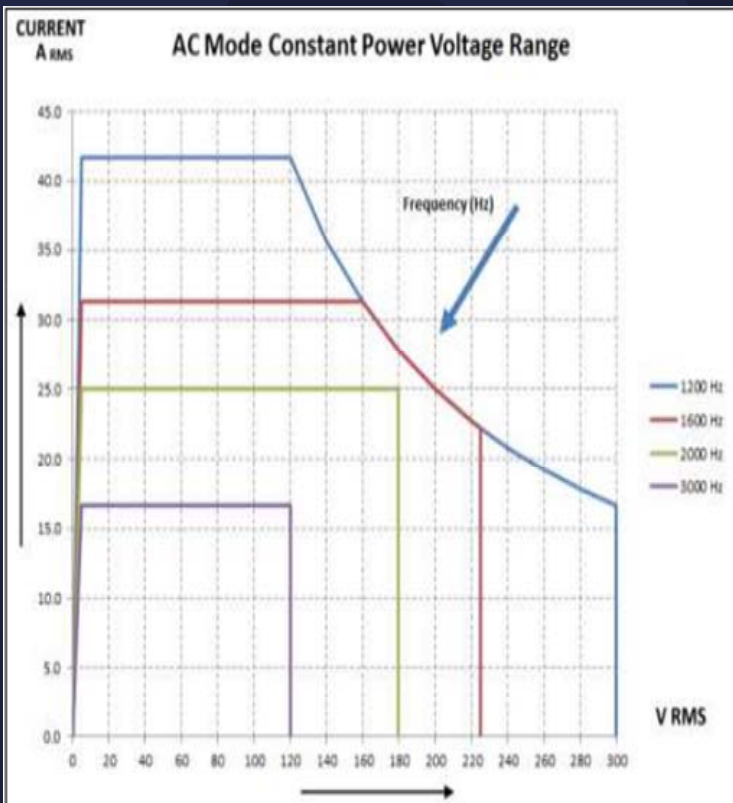


*AFXT FREQ Extended FREQ Range (1Hz ~ 3000Hz)

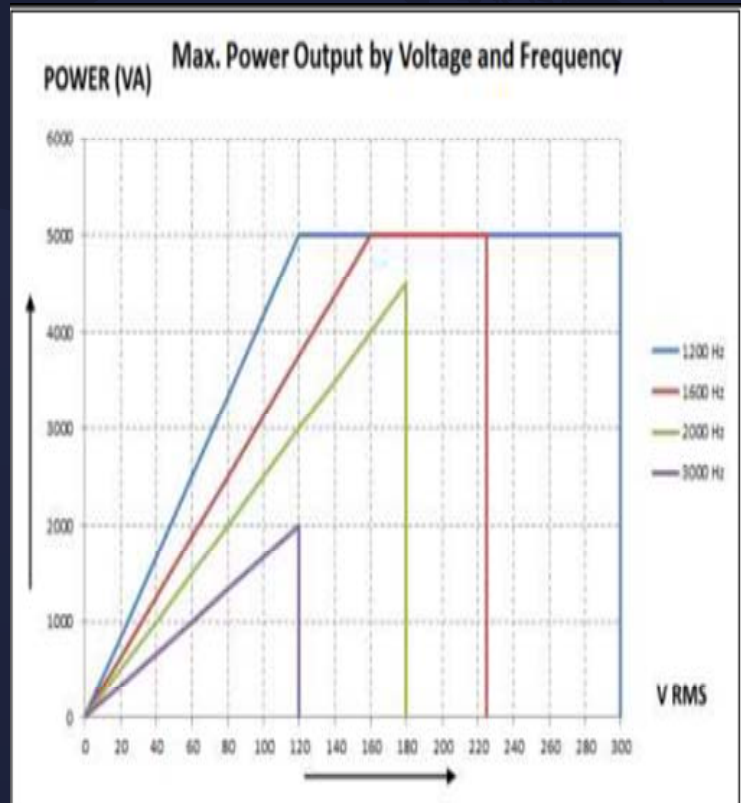
AFX-6KVA ~ 15KVA 기준



AC 3Phase 1Hz~15Hz VA,W Output Range



AC 3Phase 12Hz ~ 3KHz A Range

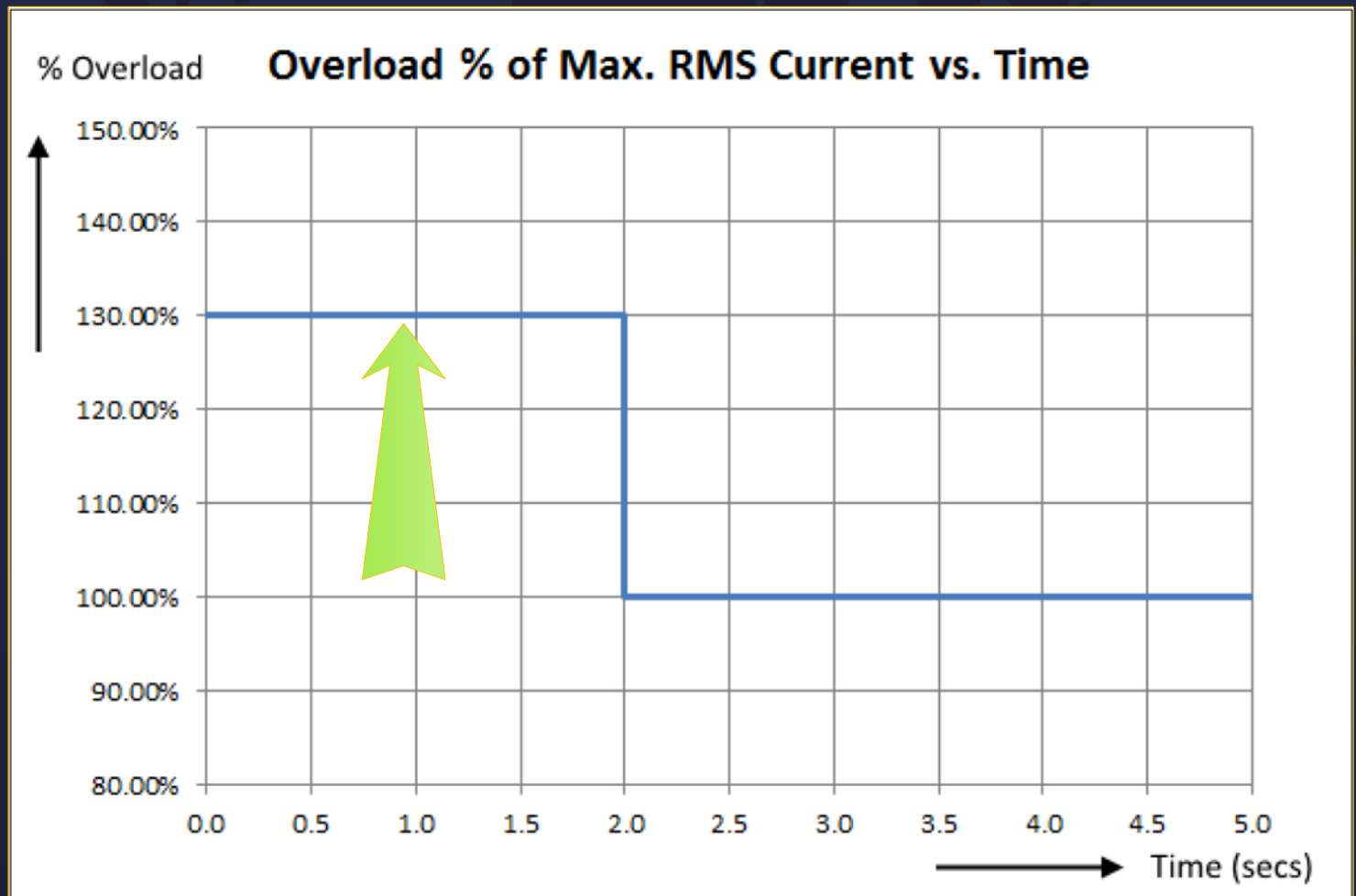


AC 3Phase 12Hz ~ 3KHz VA Range



CURRENT OVERLOAD MODE:

3150AFX from 3phase – per 41.7Arms to 55Arms for a period of up to 2.0 seconds max



AFX Series POWER FLEX Program

Buy the Power you need Today, Upgrade later

15 kVA AC, 15 kW DC
Model 3150AFX

12 kVA AC, 12 kW DC
Model 3120AFX

9 kVA AC, 9 kW DC
Model 390AFX

6 kVA AC, 6 kW DC
Model 360AFX

참고 :
AFX 구매 후 2년내 용량
업그레이드 지원 가능.



360AFX-6KVA / 6KW

390AFX-9KVA / 9KW

3120AFX-12KVA / 12KW

3KW UP / MAX – 15KW까지 가능

3KW UP / MAX – 15KW까지 가능



3180AFX-18KVA / 18KW



3240AFX-24KVA / 24KW

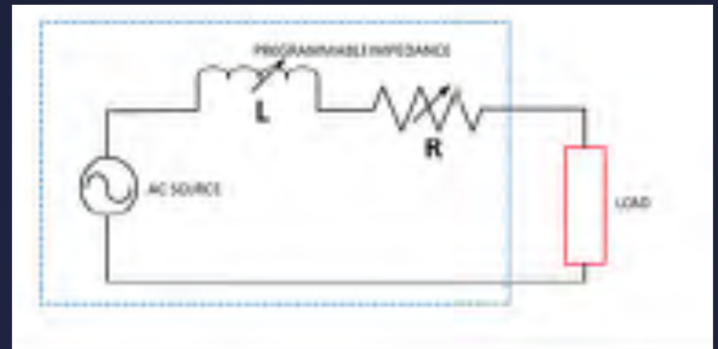


3300AFX-30KVA / 30KW

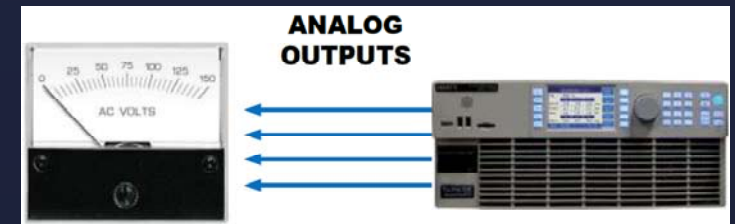
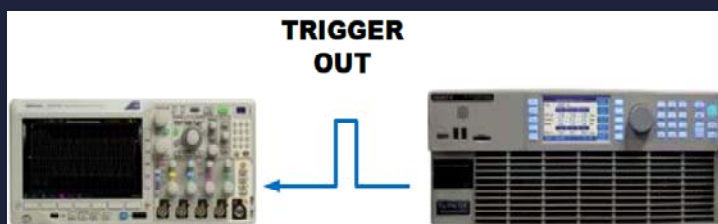
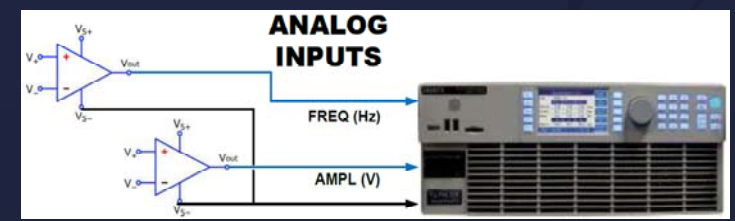
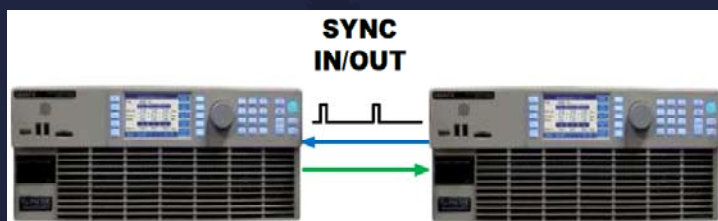
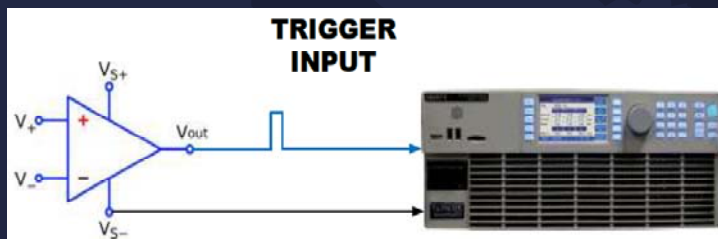
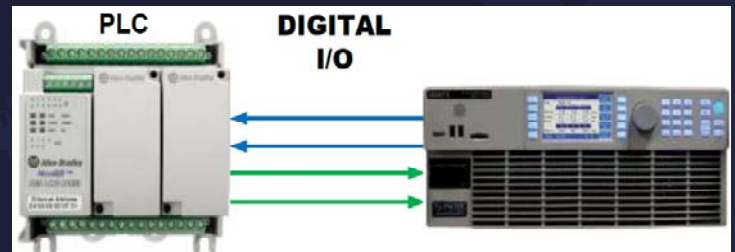
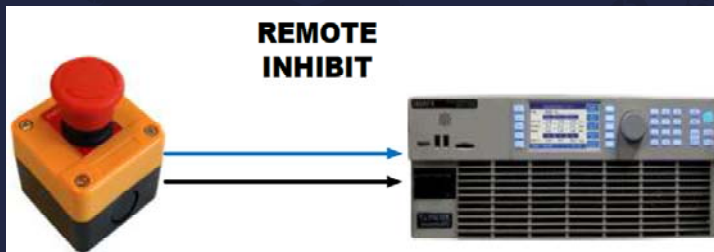
KIT Model : 6KW UP / MAX – 30KW까지 가능

*Programmable Impedance

* DUT에 따라 임피던스를 매칭할 수 있다. (전압 drop 개선)

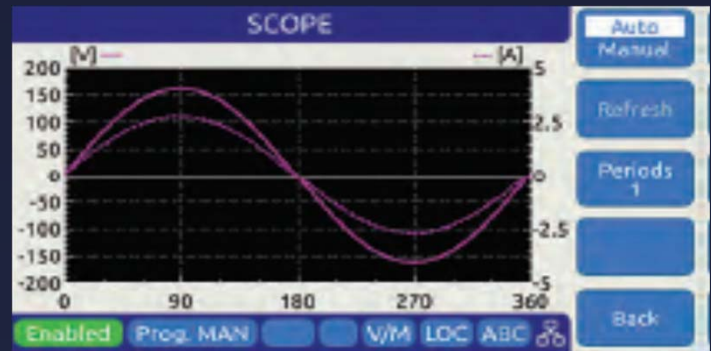


*Auxiliary I/O Functions



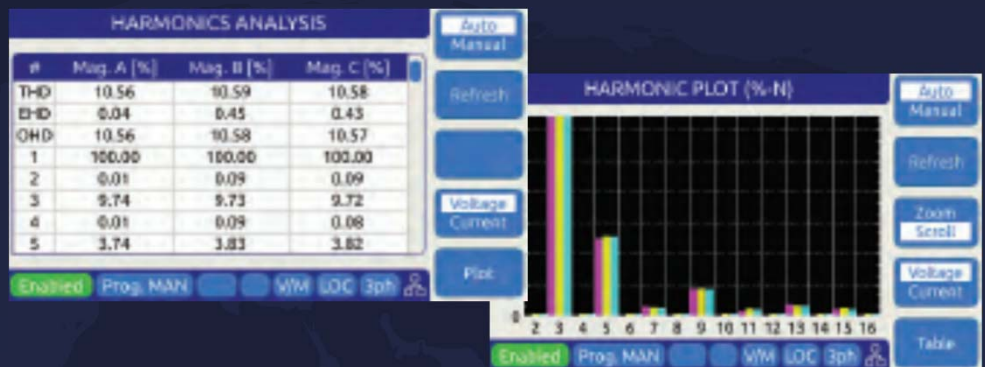
*Voltage & Current Waveforms

AFX Output Voltage and Current Monitoring Function support



* Harmonics Measurements

Harmonics Bar chart and Measurements (H2~H50), THD,EHD, OHD Support



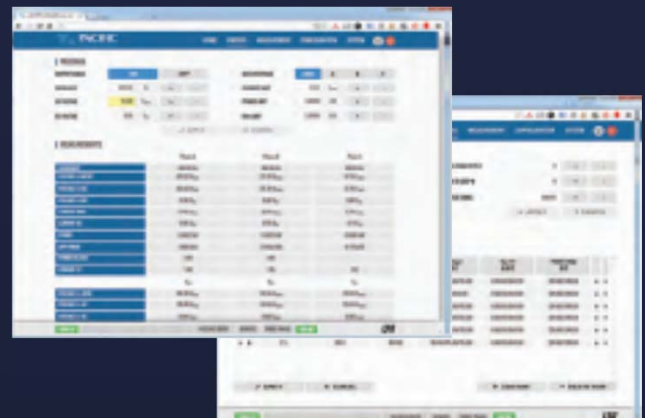
*Touch Screen and WiFi Connection

HDMI Port connection Monitor And LXI interface using the wifi.



* Embedded Web Server & LXI Compliant

Explorer add Page : IP Address check. Chrome using the ok.



* Compact Size (4U)



* Light Weight(51Kg)



* Small LRU Size(90KV – 1Rack)



* 1Rack Max 90KVA
장착가능.

* Single Voltage Range



* Enhanced Protection Modes



- Constant Voltage Protection
- Constant Current Protection
- Peak Current Protection
- True Power Protection
- Apparent Power Protection
- Over Voltage Protection
- Internal DC Bus Voltage Protection
- Over Temperature Protection.

* Legacy Software Support



* PPSC Manager and LXI Programmable free

* Energy Savings Modes



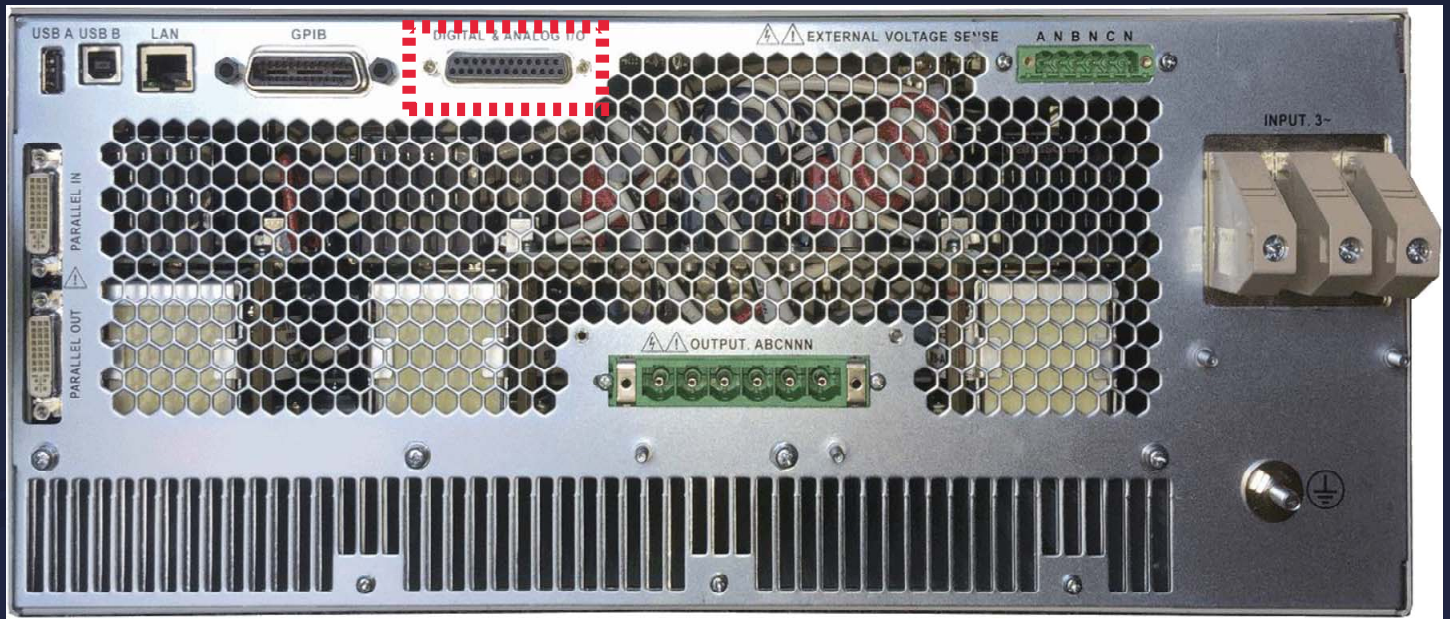
* 장시간 미 사용 시
대기전력 모드
자동 전환

* POWER FLEX Program



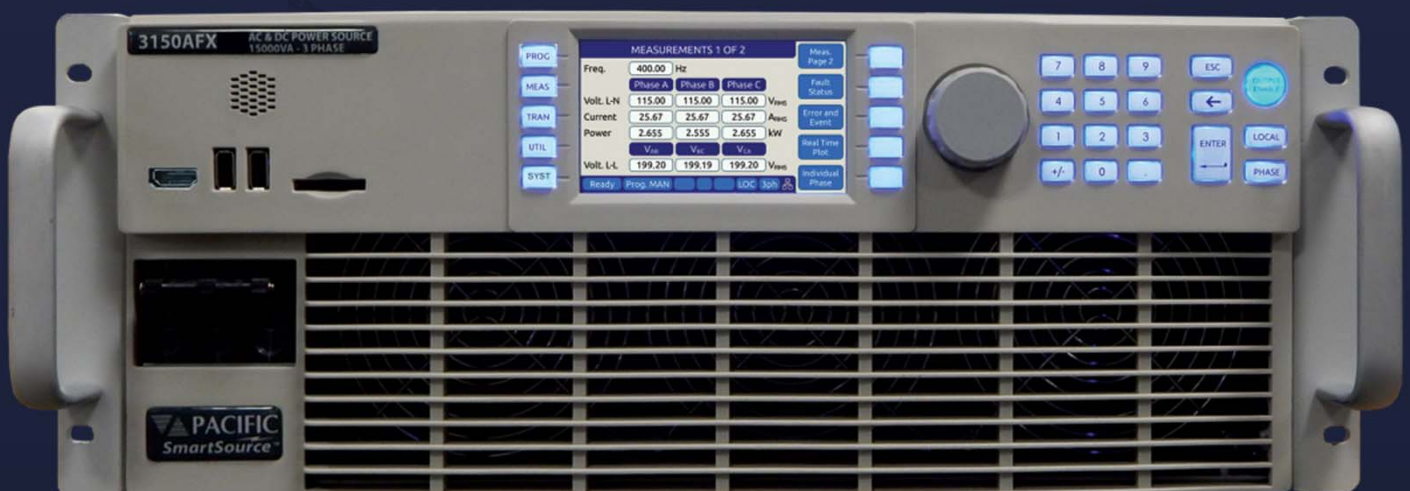
* 용량
확장성
용이.

* AFX Interface : USB-A,B / RS-232 / LAN / GPIB / Analog I/O Port

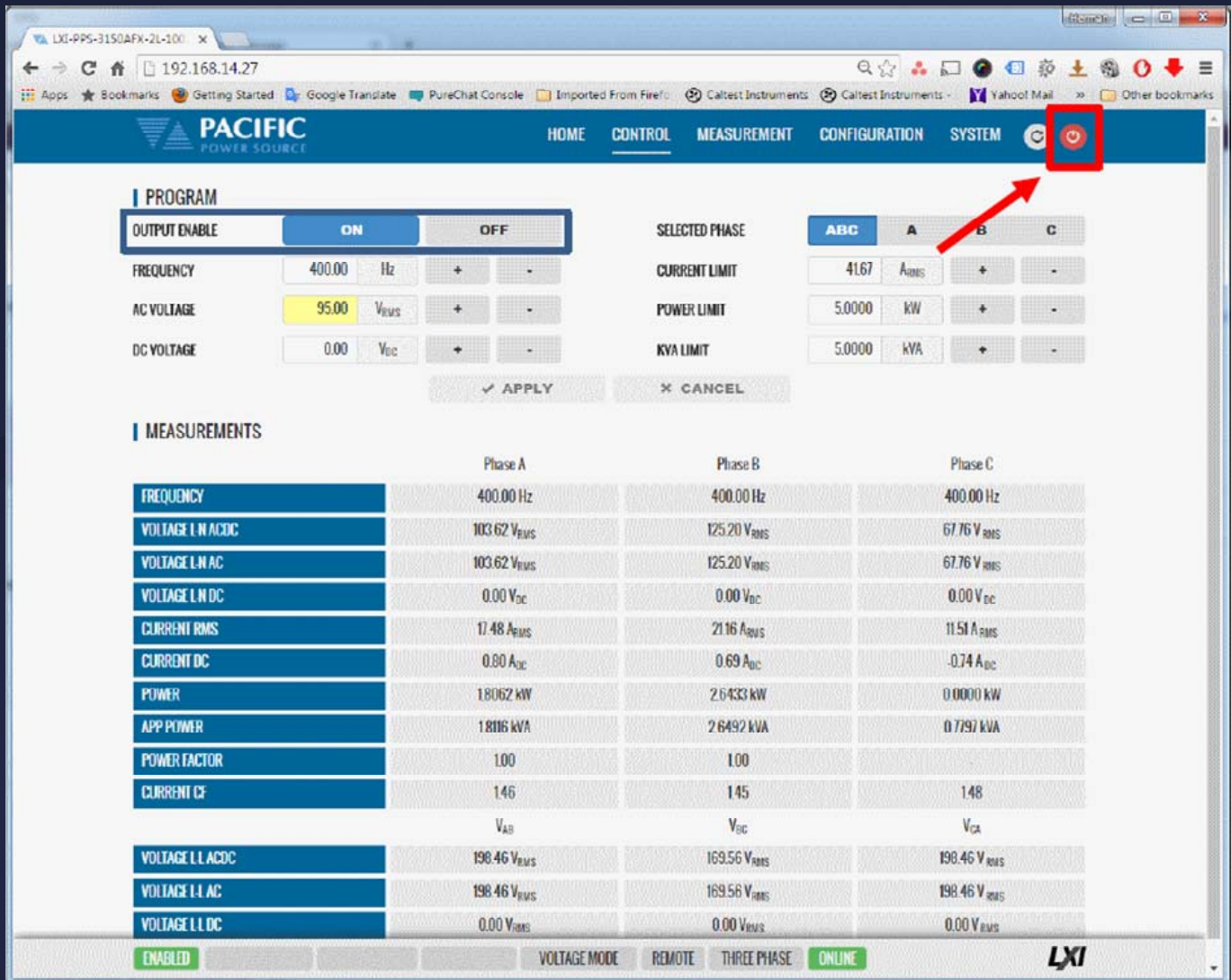


* AFX Interface : / LXI

(PC 무선 control / 안드로이드폰 / 아이폰 All Control가능 / Win 10지원. (제품 사용 시 공간 / 시간 제약 사라짐)



* AFX LXI Software : PC Control and 스마트폰 Control 사용가능



* AFX Software : UPC Studio IEC Software 및 Test Manager 사용지원

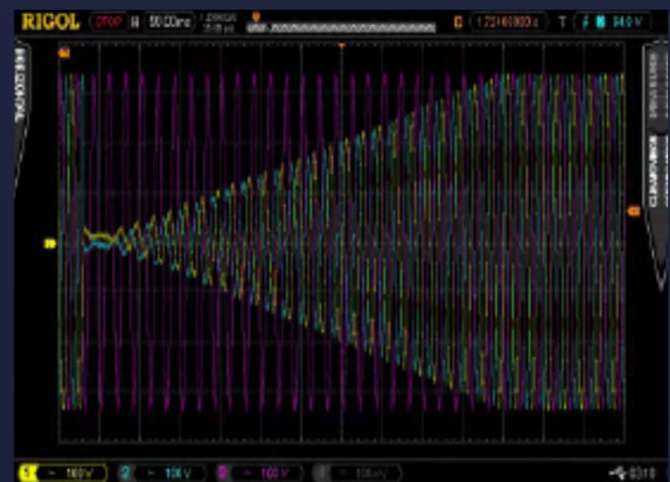
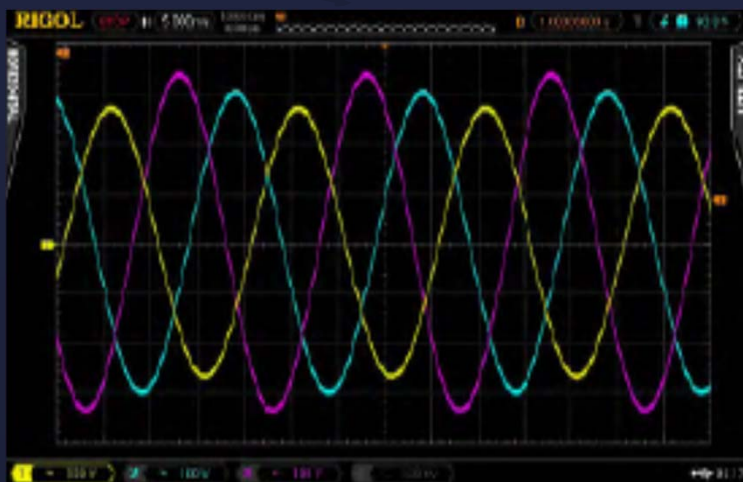
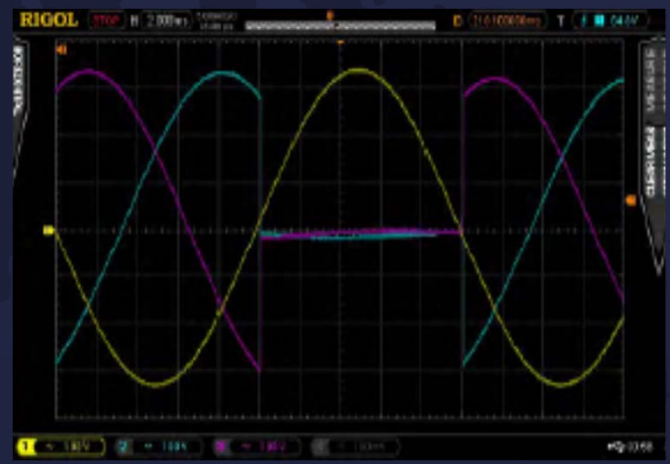
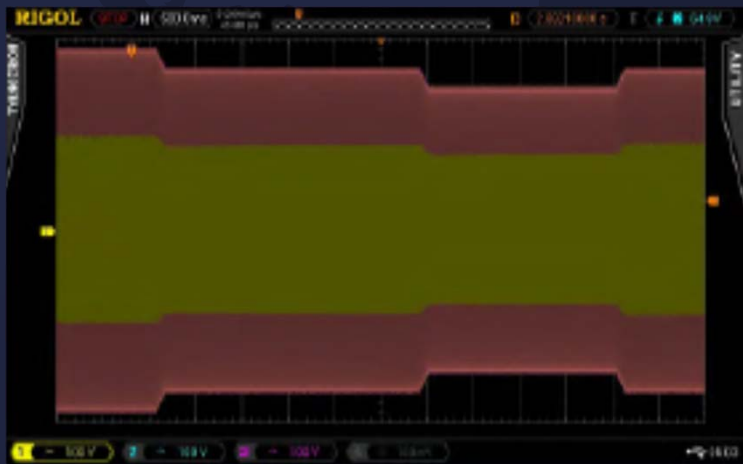
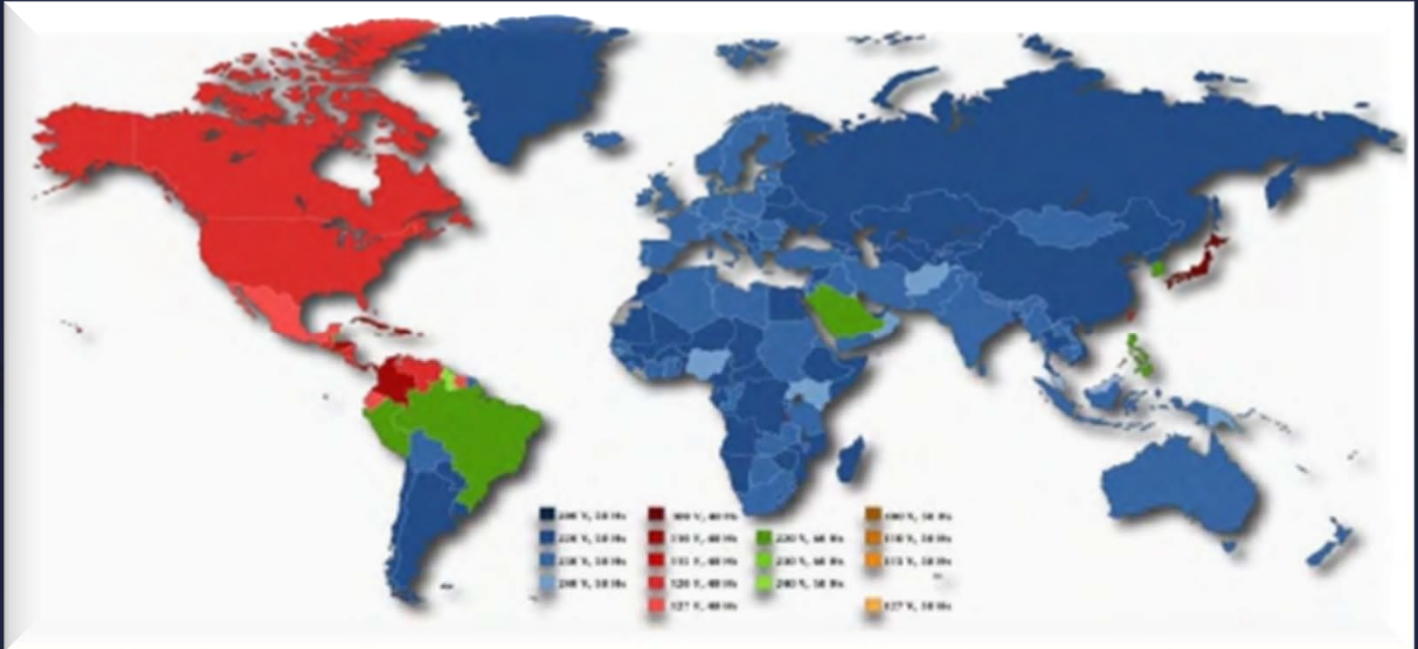
1. PPSC Studio Software Free

- * 전압 및 주파수 변동
- * AC + DC 동시 Control
- * 임의파형 발생 지원.



IEC-4-XX Test Mode Support

규격 TEST 지원 : IEC4-11 / 14 / 17 / 27 / 28 / 29p / 34

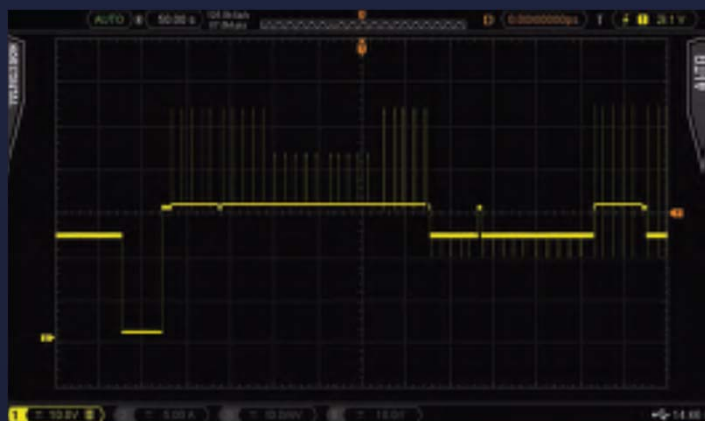
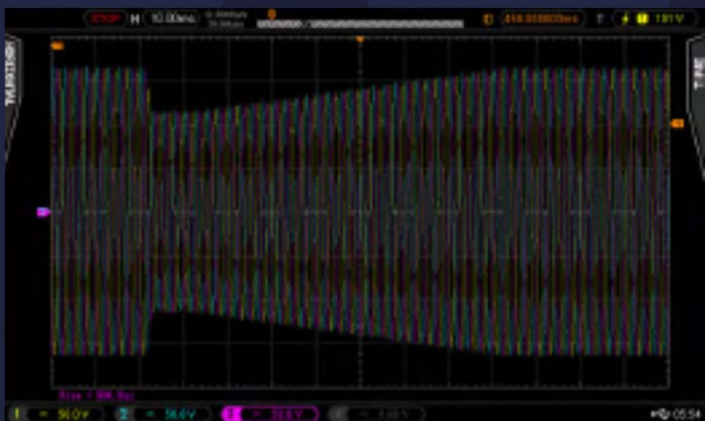


Mil – STD Test Mode Support

규격 지원 항목 :

MIL-STD-704A,F / DO160G / MIL-STD-1399-300B / AMD-24C

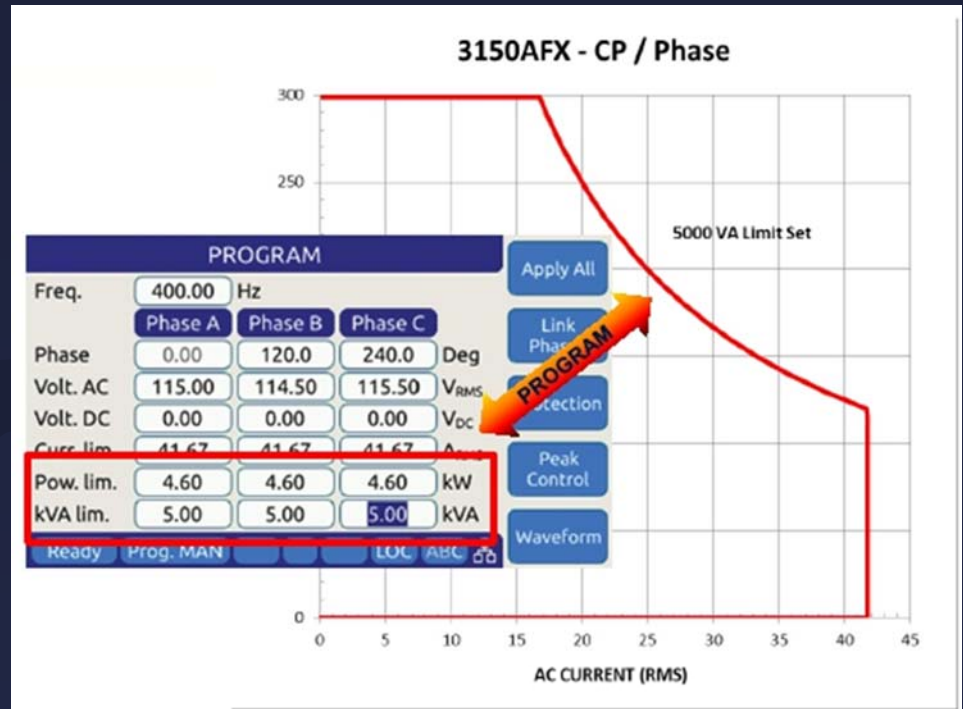
ABD-100.1.8.1C 787B3-0147 Airbus Test



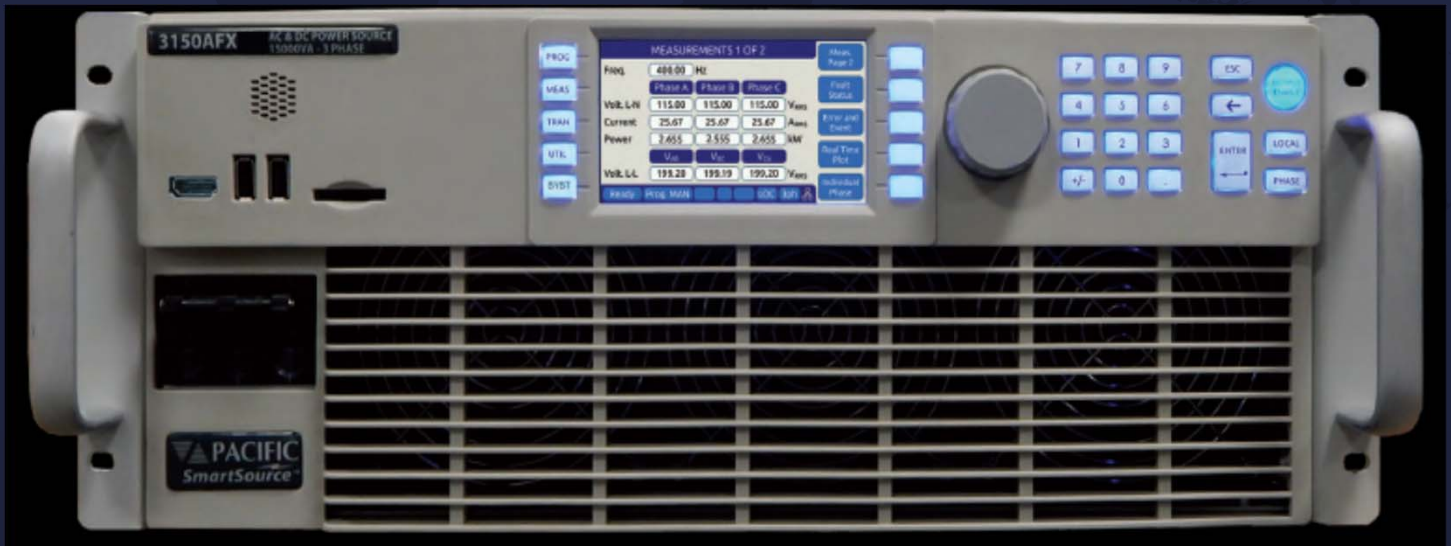
* Power Limit 기능추가로 Motor TEST시 용이하게 사용 가능해짐.

1. CP Mode

(Power Limit) 설정으로
Motor Test 및 Power limit
제어 시 활용이 용의하다.



* NEMKO Canada CSA / USA CE 인증 완료



Nemko Canada CSA &
USA CE 61010-1 인증 획득

* INPUT Power Protection " Unit No damage

1. INPUT POWER의 전원환경이 침수 및 누설로 생길 수 있는 환경에서도 AFX는 ARC Damage protection 설계로 AFX는 장비 손상을 줄 일 수 있습니다.

Ex) Model : 3150AFX-2AGE
(3Phase 220V 용)

Ex) Model : 3150AFX-4AGE
(3Phase 380V 용)



* current +Apk/-Apk Limit으로 DUT Damage Protection.

1. AFX는 +Apk / -Apk limit를 설정하여 DUT의 Over Current로부터 " Protection " 을 받을 수 있음.

