AFV+ series

High Power Programmable AC Power Source

Interfaces

Standard: RS-232 | RS-485 | Ethernet

Option: GPIB | Analog | USB

QR Code

Product Info.

Product Video

Output Power

10kVA~2000kVA

RoHS Compliant CE

AFV+ series is a high power programmable AC power source utilizing advanced PWM technology to deliver power with THD≤0.5% and up to 2000kVA. The output frequency is 45-120Hz with accuracy of ± 0.02%, and user can select 45-500Hz or 300-840Hz option to expand the frequency. The AFV+ series is ideal to simulate different region's voltage and frequency conditions, and can cover applications for home appliance, motor, medical equipment, lighting and EMC laboratory.

AFV+ series features STEP and RAMP programmable functions to easily simulate single or continuous output changes. Three phase independent adjustment, optional remote sensing and optional phase angle adjustment all provide convenient control to simulate different kinds of line disturbance.

Intuitive 7"/10" Touch Screen

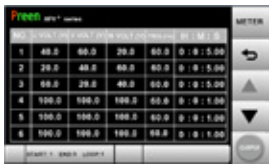
The AFV+ series employs 7"/10" touch screen to provide intuitive and easy-to-use control and display. Users can quickly access output settings and measurements, including voltage, current, frequency, real power, apparent power, PF and sum of each phase's parameters. Complex sequences and system configurations can also be easily done via the touch screen.

Overload Capability (Opt.)

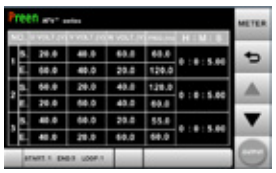
200%	2 sec
150%	5 sec
125%	15 sec

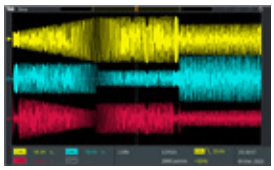
An inductive UUT (Unit under Test), such as motor, compressor or water pump, generates great starting current when activating. As a result, users need to purchase a power supply with much higher capability than the UUT itself. AFV+ series has an optional overload capability that can endure/achieve 200% overload capability, easy to activate products of electric motor type that require high activation current.

Three Phase RAMP and STEP Independent Adjustment


STEP Setting

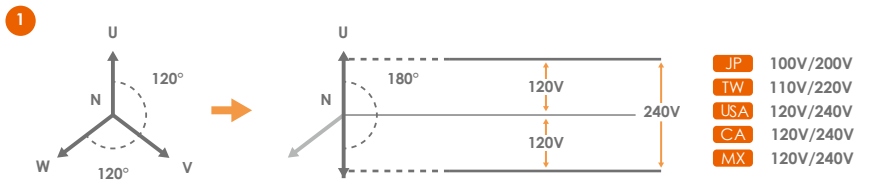

STEP Waveform Display


RAMP Setting


RAMP Waveform Display

AFV+ series' RAMP/ STEP feature has up to 12 sequences/24 sequences available with parameters of voltage, frequency and time. These features provide an easy method to simulate different kinds of power line disturbance.

Three Phase Angle Adjustment (Opt.)



The AFV+ series offers advanced functionality with the ability to independently set the voltage for each phase and adjust the phase angle between them through the optional Phase Angle Adjustment feature. This allows users to simulate phase shifting, replicating various power conditions. With a single unit, users can conveniently simulate single-phase three-wire or single-phase two-wire power systems, providing versatile testing capabilities for diverse applications.

Remote Control Software: Preen Program

The AFV+ series offers complimentary remote control software, Preen Program. This graphical user interface provides easy settings and user-friendly configurations for users to fully control the unit. The Preen Program includes GENERAL mode and PROGRAMMABLE mode with STEP and RAMP features available. The waveform preview and report functions also greatly enhance convenience for reviewing parameters and results before or after testing.

Remote Interfaces

RS-232 RS-485 Ethernet Standard

Analog GPIB USB Option

For easy setup and programming, the AFV+ series has standard RS-232/RS-485/Ethernet interface card. User also can select optional GPIB, Analog and USB interfaces for different remote control requirements.

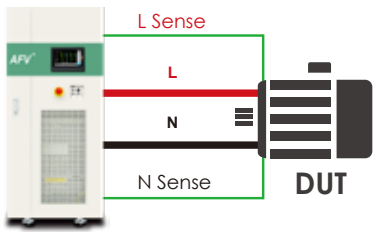
Broader Frequency and Higher Voltage (Opt.)

1
up to
840Hz

2
up to
400V(L-N) or 600V(L-N)

AFV+ series can output optional frequency up to 840Hz to meet the needs of defense and aircraft industries. It can also be used for double frequency test of transformer. Moreover, AFV+ series can output up to 400V(L-N)/690V(L-L) or 600V(L-N)/1039V(L-L) (optional) for motors that need higher input voltage.

Remote Sensing



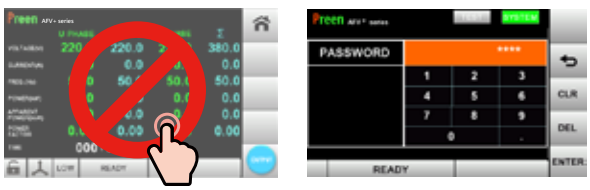
In the factory or laboratory, there is often a certain distance in the configuration of power and load. The Remote Sensing of AFV+ series is able to compensate the voltage drop caused by the cable length, so the user can avoid the inconvenience of adjusting the voltage.

EV Charger Application

AFV+ Series | EV Charger (EUT) | Electronic Load

Before EV charger's ready for installation, it has to do a series of tests to ensure its reliability and safety. For example, input AC characteristic test, control signal test, performance test, safety features etc. are required test items. AFV+ series is the ideal power source to perform high quality and stable EV charger testing.

Screen Lock Password Function



The AFV+ series features a screen lock password to prevent accidental parameter changes and unauthorized access. This security measure safeguards device settings, ensuring reliable and efficient testing operations. Only authorized personnel with the correct password can unlock the screen and modify device parameters.

SPECIFICATIONS

AFV+ Series Single-Phase Output (10kVA-150kVA)

Model		AFV-PLUS-31010	AFV-PLUS-31015	AFV-PLUS-31020	AFV-PLUS-31030	AFV-PLUS-31045	AFV-PLUS-31060	AFV-PLUS-31075	AFV-PLUS-31100	AFV-PLUS-31120	AFV-PLUS-31150
INPUT											
Phase		3Ø / 3Wire + G									
Voltage[*1]		380 Vac ±15% (option: 200 Vac, 208 Vac, 400 Vac, or 480 Vac)									
Frequency		47-63Hz									
Max. Current[*2]		22A	33A	44A	66A	99A	132A	165A	233A	279.6A	349.5A
Power Factor		≥ 0.9 (Max. Power)									
OUTPUT											
Power	(VA)	10kVA	15kVA	20kVA	30kVA	45kVA	60kVA	75kVA	100kVA	120kVA	150kVA
Phase		1Ø / 2 Wire + G									
Voltage Ranges	Low (V)	0V-155.0V (L-N)									
	High (V)	0V-310.0V (L-N)									
Voltage Resolution		0.1V									
Voltage Accuracy		0.5% F.S.+ 4 counts									
Frequency Range[*3]		A : 45-500Hz ; B : 45-120Hz ; C : 300-840Hz									
Frequency Resolution		0.1Hz									
Frequency Accuracy		±0.02% F.S.									
Max. Current (RMS)	Low (A)	83.3A	125A	166.7A	250A	375A	500A	625A	833.3A	1000A	1250A
	High (A)	41.7A	62.5A	83.3A	125A	187.5A	250A	312.5A	416.7A	500A	625A
Line Regulation		< 0.5%									
Load Regulation		≤ 0.5% (Resistive Load)									
Total Harmonic Distortion (THD)[*4]		≤ 0.5% (Resistive Load)									
Response Time		≤ 1ms									
Crest Factor		≥ 3									
MEASUREMENT											
Voltage Range		0V-310.0V									
Voltage Resolution		0.1V									
Voltage Accuracy		0.5% F.S.+ 4 counts									
Frequency Range		45.0-840.0Hz									
Frequency Resolution		0.01Hz									
Frequency Accuracy		±0.02% F.S.									
Current Range (RMS)		0 - 83.3A	0 - 125A	0 - 166.7A	0 - 250A	0 - 375A	0 - 500A	0 - 625A	0 - 833.3A	0 - 1000A	0 - 1250A
Current Resolution (RMS)		0.1A									
Current Accuracy (RMS)		0.5% F.S.+4 counts									
Power Range		0 - 10kW	0 - 15kW	0 - 20kW	0 - 30kW	0 - 45kW	0 - 60kW	0 - 75kW	0 - 100kW	0 - 120kW	0 - 150kW
Power Resolution		0.1kW									
Power Accuracy		1% F.S.+6 counts									
GENERAL											
Efficiency		≥ 90% at Max. Power							≥ 85% at Max. Power		
HMI		7"Touch Screen									
Program Mode		STEP : 24 sets / 255 cycles. (Volt./Freq./Time) RAMP : 12 sets / 255 cycles. (Volt./Freq./Time)									
Soft Start Function		Setting : Rated Volt. / Rated Freq. / Start Volt. / Start Freq. / Delay Time / Ramp Time									
Protection		Input : N.F.B, Over Voltage, Under Voltage Output : Over Voltage, Over Current, Over Temperature									
Remote Interface		Standard: RS-232& RS-485 /Ethernet Option: Interface Card (Ethernet/RS-232&RS-485/USB), GPIB or Analog									
Operating Temperature		0℃ ~ 45℃									
Humidity		0-90% (Non condensing)									
Altitude		< 1,500m									
Dimensions (H x W x D) [*5]		1045 x 628 x 840 mm (Including wheels)	1440 x 628 x 840 mm (Including wheels)			1645 x 828 x 840 mm (Including wheels)		1900 x 1178x 1200 mm			
		41.1 x 24.7 x 33.1inch (Including wheels)	56.7 x 24.7 x 33.1 inch (Including wheels)			64.8 x 32.6 x 33.1 inch (Including wheels)		74.8 x 46.4 x 47.2 inch			
Weight [*5]		230kg	280kg	320kg	450kg	580kg	670kg	710kg	980kg	1135kg	1415kg
		507lbs	617.4lbs	705.4lbs	992.3lbs	1278.9lbs	1477.4lbs	1565.2lbs	2160.5lbs	2502.2lbs	3119.5lbs

*1 Please contact us for other input voltage specifications. *2 The max. current is based on a rated input voltage of 380V minus 15%. *3 For type A: 45-500Hz, please contact us for output power characteristic curve.
*4 When output frequency is at 45-65Hz and output voltage is 90V-140V(Low Range) or 180V-280V(High Range) and with resistive load.
*5 Dimensions and weight are for input voltage 380V. Please contact us for dimensions and weight for other input voltage.
* All specifications are subject to change without notice. The specifications are tested at ambient temperature of 25℃ ± 5℃ .

SPECIFICATIONS

AFV+ Series Three-Phase Output (10kVA-120kVA)

Model		AFV-PLUS-33010	AFV-PLUS-33015	AFV-PLUS-33020	AFV-PLUS-33030	AFV-PLUS-33045	AFV-PLUS-33060	AFV-PLUS-33075	AFV-PLUS-33100	AFV-PLUS-33120
INPUT										
Phase		3Ø / 3Wire + G								
Voltage[*1]		380Vac ±15% (option: 200 Vac, 208 Vac, 240Vac, 400Vac, or 480 Vac)								
Frequency		47-63Hz								
Max. Current[*2]		22A	33A	44A	66A	99A	132A	165A	233A	279.6A
Power Factor		≥ 0.9 (Max. Power)								
OUTPUT										
Power	(VA)	10kVA	15kVA	20kVA	30kVA	45kVA	60kVA	75kVA	100kVA	120kVA
Phase		3Ø / 4 Wire + G								
Voltage Ranges	Low(V)	0V-155.0V (L-N)								
	High(V)	0V-310.0V (L-N)								
Voltage Resolution		0.1V								
Voltage Accuracy		0.5% F.S.+4 counts								
Frequency Range [*3]		A : 45-500Hz ; B : 45-120Hz ; C : 300-840Hz								
Frequency Resolution		0.1Hz								
Frequency Accuracy		±0.02% F.S.								
Max. Current (RMS)	Low(A)	27.8A	41.7A	55.6A	83.3A	125A	166.7A	208.3A	277.8A	333.3A
	High(A)	13.9A	20.8A	27.8A	41.7A	62.5A	83.3A	104.2A	138.9A	166.7A
Line Regulation		< 0.5%								
Load Regulation		≤ 0.5% (Resistive Load)								
Total Harmonic Distortion (THD) [*4]		≤ 0.5% (Resistive Load)								
Response Time		≤ 1ms								
Crest Factor		≥ 3								
MEASUREMENT										
Voltage Range		0V-310.0V								
Voltage Resolution		0.1V								
Voltage Accuracy		0.5% F.S.+4 counts								
Frequency Range		45.0-840.0Hz								
Frequency Resolution		0.01Hz								
Frequency Accuracy		±0.02% F.S.								
Current Range(RMS)		0 - 27.8A	0 - 41.7A	0 - 55.6A	0 - 83.3A	0 - 125A	0 - 166.7A	0 - 208.3A	0 - 277.8A	0 - 333.3A
Current Resolution(RMS)		0.1A								
Current Accuracy(RMS)		0.5% F.S.+4 counts								
Power Range		0 - 10kW	0 - 15kW	0 - 20kW	0 - 30kW	0 - 45kW	0 - 60kW	0 - 75kW	0 - 100kW	0 - 120kW
Power Resolution		0.1kW								
Power Accuracy		1% F.S.+6 counts								
GENERAL										
Efficiency		≥ 90% at Max. Power							≥ 85% at Max. Power	
HMI		7"Touch Screen								
Program Mode		STEP : 24 sets / 255 cycles. (Volt./Freq./Time) RAMP : 12 sets / 255 cycles. (Volt./Freq./Time)								
Soft Start Function		Setting : Rated Volt. / Rated Freq. / Start Volt. / Start Freq. / Delay Time / Ramp Time								
Three Phase Independent Adjustment		U-N/V-N/W-N, Adjustment 0-310V								
Protection		Input : N.F.B, Over Voltage, Under Voltage Output : Over Voltage, Over Current, Over Temperature								
Remote Interface		Standard: RS-232& RS-485 /Ethernet Option: Interface Card (Ethernet/RS-232&RS-485/USB), GPIB or Analog								
Operating Temperature		0℃ ~ 45℃								
Humidity		0-90% (Non condensing)								
Altitude		< 1,500m								
Dimensions (H x W x D) [*5]		1045 x 628 x 840 mm (Including wheels)	1440 x 628 x 840 mm (Including wheels)			1645 x 828 x 840 mm (Including wheels)		1900 x 1178x 1200 mm		
		41.1 x 24.7 x 33.1inch (Including wheels)	56.7 x 24.7 x 33.1 inch (Including wheels)			64.8 x 32.6 x 33.1 inch (Including wheels)		74.8 x 46.4 x 47.2 inch		
Weight [*5]		280kg	305kg	360kg	400kg	560kg	670kg	960kg	1170kg	1450kg
		617.4lbs	672.5lbs	793.8lbs	882.0lbs	1234.8lbs	1477.4lbs	2116.8lbs	2579.9lbs	3197.3lbs

*1 Please contact us for other input voltage specifications. *2 The max. current is based on a rated input voltage of 380V minus 15%. *3 For type A: 45-500Hz, please contact us for output power characteristic curve.

*4 When output frequency is at 45-65Hz and output voltage is 90V-140V(Low Range) or 180V-280V(High Range) and with resistive load.

*5 Dimensions and weight are for input voltage 380V. Please contact us for dimensions and weight for other input voltage.

* All specifications are subject to change without notice. The specifications are tested at ambient temperature of 25℃ ± 5℃ .

SPECIFICATIONS

AFV+ Series Three-Phase Output (150kVA-2000kVA)

Model		AFV-PLUS-33150	AFV-PLUS-33200	AFV-PLUS-33300	AFV-PLUS-33400	AFV-PLUS-33500	AFV-PLUS-33600	AFV-PLUS-33800	AFV-PLUS-331000	AFV-PLUS-331200	AFV-PLUS-331500	AFV-PLUS-332000
INPUT												
Phase		3Ø / 3Wire + G										
Voltage*1		380Vac ±15% (option: 400Vac, 240Vac or 480Vac)										
Frequency		47-63Hz										
Max. Current*2		349.5A	466A	699A	932A	1165.1A	1398.1A	1864.1A	2330.1A	2796.1	3495.2A	4660.2A
Power Factor		≥ 0.9（Max. Power）										
OUTPUT												
Power	(VA)	150kVA	200kVA	300kVA	400kVA	500kVA	600kVA	800kVA	1000kVA	1200kVA	1500kVA	2000kVA
Phase		3Ø / 4 Wire + G										
Voltage Ranges	Low(V)*6	0V-155.0V（L-N）										
	High(V)	0V-310.0V（L-N）										
Voltage Resolution		0.1V										
Voltage Accuracy		0.5% F.S.+4 counts										
Frequency Range*3		A : 45-500Hz ; B : 45-120Hz ; C : 300-840Hz										
Frequency Resolution		0.1Hz										
Frequency Accuracy		±0.02% F.S.										
Max. Current (RMS)	Low(A)	416.7A	555.6A	833.3A	1111.1A	1388.9A	1666.7A	2222.2A	2777.8A	3333.3A	4166.7A	5555.6A
	High(A)	208.3A	277.8A	416.7A	555.6A	694.4A	833.3A	1111.1A	1388.9A	1666.7A	2083.3A	2777.8A
Line Regulation		< 0.5%										
Load Regulation		≤ 0.5% (Resistive Load)										
Total Harmonic Distortion (THD) *4		≤ 0.5% (Resistive Load)										
Response Time		≤ 1ms										
Crest Factor		≥ 3										
MEASUREMENT												
Voltage Range		0V-310.0V										
Voltage Resolution		0.1V										
Voltage Accuracy		0.5% F.S.+4 counts										
Frequency Range		45.0-840.0Hz										
Frequency Resolution		0.01Hz										
Frequency Accuracy		±0.02% F.S.										
Current Range (RMS)		0 - 416.7A	0 - 555.6A	0 - 833.3A	0 - 1111.1A	0 - 1388.9A	0 - 1666.7A	0 - 2222.2A	0 - 2777.8A	0 - 3333.3A	0 - 4166.7A	0 - 5555.6A
Current Resolution (RMS)		0.1A										
Current Accuracy (RMS)		0.5% F.S.+4 counts										
Power Range		0 - 150kW	0 - 200kW	0 - 300kW	0 - 400kW	0 - 500kW	0 - 600kW	0 - 800kW	0 - 1000kW	0 - 1200kW	0 - 1500kW	0 - 2000kW
Power Resolution		0.1kW										
Power Accuracy		1% F.S.+6 counts										
GENERAL												
Efficiency		≥ 85% at Max. Power										
HMI		7"Touch Screen		10"Touch Screen								
Program Mode		STEP : 24 sets / 255 cycles. (Volt./Freq./Time) RAMP : 12 sets / 255 cycles. (Volt./Freq./Time)										
Soft Start Function		Setting : Rated Volt. / Rated Freq. / Start Volt. / Start Freq. / Delay Time / Ramp Time										
Three Phase Independent Adjustment		U-N/V-N/W-N, Adjustment 0-310V										
Protection		Input : N.F.B, Over Voltage, Under Voltage Output : Over Voltage, Over Current, Over Temperature										
Remote Interface		Standard: RS-232& RS-485 /Ethernet Option: Interface Card (Ethernet/RS-232&RS-485/USB), GPIB or Analog										
Operating Temperature		0℃ ~ 45℃										
Humidity		0-90% (Non condensing)										
Altitude		< 1,500m										
Dimensions (H x W x D) *5		1900 x 1178x 1200 mm		2050x 3881x 1539mm		2050 x 4716 x 1520 mm		2050 x 6003 x 1520 mm		2200 x 10827 x1590 mm	2200 x 12990 x1590 mm	
		74.8 x 46.4 x 47.2inch		80.7 x 152.8 x 60.6inch		80.7 x 185.7 x 59.8inch		80.7 x 236.3 x 59.8inch		86.6 x 426.3 x 62.6inch	86.6 x 511.4 x 62.6 inch	
Weight *5		1835kg	2415kg	3620kg	4670kg	5820kg	7720kg	9240kg	11080kg	16800kg	18720kg	19950kg
		4045.4lbs	5324.1lbs	7980.7lbs	10295.5lbs	12830.9lbs	17019.6lbs	20370.7lbs	24427.2lbs	37037.6lbs	41270.5lbs	43982.2lbs

*1 Please contact us for other input voltage specifications. *2 The max. current is based on a rated input voltage of 380V minus 15%. *3 For type A: 45-500Hz, please contact us for output power characteristic curve.
*4 When output frequency is at 45-65Hz and output voltage is 90V-140V(Low Range) or 180V-280V(High Range) and with resistive load.
*5 Dimensions and weight are for input voltage 380V. Please contact us for dimensions and weight for other input voltage.
*6 Please contact us for specifications.
* All specifications are subject to change without notice. The specifications are tested at ambient temperature of 25℃ ± 5℃ .

ORDERING INFORMATION

AFV+ Series Single-Phase Output (10kVA-150kVA)

Model Number	Description
AFV-PLUS-31010	High Power Programmable AC Power Source (10kVA/310V)
AFV-PLUS-31015	High Power Programmable AC Power Source (15kVA/310V)
AFV-PLUS-31020	High Power Programmable AC Power Source (20kVA/310V)
AFV-PLUS-31030	High Power Programmable AC Power Source (30kVA/310V)
AFV-PLUS-31045	High Power Programmable AC Power Source (45kVA/310V)
AFV-PLUS-31060	High Power Programmable AC Power Source (60kVA/310V)
AFV-PLUS-31075	High Power Programmable AC Power Source (75kVA/310V)
AFV-PLUS-31100	High Power Programmable AC Power Source (100kVA/310V)
AFV-PLUS-31120	High Power Programmable AC Power Source (120kVA/310V)
AFV-PLUS-31150	High Power Programmable AC Power Source (150kVA/310V)
AFV-PLUS-001	Type A: Output Frequency 45-500Hz*3
AFV-PLUS-002	Type B: Output Frequency 45-120Hz
AFV-PLUS-003	Type C : Output Frequency 300-840Hz*1*3
AFV-PLUS-004	Start Angle 0-359°*3
AFV-PLUS-005	Overload Capability 200% 2 sec, 150% 5 sec, 125% 15 sec*3
AFV-PLUS-006	Fast Voltage Response Option (with Time Setting Resolution 0.01S)*2
AFV-PLUS-007	Analog Control Interface
AFV-PLUS-008	GPIB Interface
AFV-PLUS-012	Input Voltage 200V*3
AFV-PLUS-013	Input Voltage 208V*3
AFV-PLUS-014	Input Voltage 240V*3
AFV-PLUS-015	Input Voltage 400V
AFV-PLUS-016	Input Voltage 480V
AFV-PLUS-017	Output Voltage 0-400V (L-N)
AFV-PLUS-018	Output Voltage 0-600V (L-N)
AFV-PLUS-020	Interface Card (Ethernet/RS-232&RS-485/USB)
ACCS-001	USB to RS-485 converter +RS-232/RS-485 Cable M-F type (2M)
ACCS-002	USB to RS-232 converter +RS-232/RS-485 Cable M-F type (2M)
ACCS-003	RS-232/RS-485 Cable M-F type (2M)

*1 THD ≤ 2%.
*2 THD and Load Regulation ≤ 1%
*3 Please contact us for specifications.

ORDERING INFORMATION

AFV+ Series Three-Phase Output (10kVA-2000kVA)

Model Number	Description
AFV-PLUS-33010	High Power Programmable AC Power Source (10kVA/310V)
AFV-PLUS-33015	High Power Programmable AC Power Source (15kVA/310V)
AFV-PLUS-33020	High Power Programmable AC Power Source (20kVA/310V)
AFV-PLUS-33030	High Power Programmable AC Power Source (30kVA/310V)
AFV-PLUS-33045	High Power Programmable AC Power Source (45kVA/310V)
AFV-PLUS-33060	High Power Programmable AC Power Source (60kVA/310V)
AFV-PLUS-33075	High Power Programmable AC Power Source (75kVA/310V)
AFV-PLUS-33100	High Power Programmable AC Power Source (100kVA/310V)
AFV-PLUS-33120	High Power Programmable AC Power Source (120kVA/310V)
AFV-PLUS-33150	High Power Programmable AC Power Source (150kVA/310V)
AFV-PLUS-33200	High Power Programmable AC Power Source (200kVA/310V)
AFV-PLUS-33300	High Power Programmable AC Power Source (300kVA/310V)
AFV-PLUS-33400	High Power Programmable AC Power Source (400kVA/310V)
AFV-PLUS-33500	High Power Programmable AC Power Source (500kVA/310V)
AFV-PLUS-33600	High Power Programmable AC Power Source (600kVA/310V)
AFV-PLUS-33800	High Power Programmable AC Power Source (800kVA/310V)
AFV-PLUS-331000	High Power Programmable AC Power Source (1000kVA/310V)
AFV-PLUS-331200	High Power Programmable AC Power Source (1200kVA/310V)
AFV-PLUS-331500	High Power Programmable AC Power Source (1500kVA/310V)
AFV-PLUS-332000	High Power Programmable AC Power Source (2000kVA/310V)
AFV-PLUS-001	Type A: Output Frequency 45-500Hz*3
AFV-PLUS-002	Type B: Output Frequency 45-120Hz
AFV-PLUS-003	Type C : Output Frequency 300-840Hz*1*3
AFV-PLUS-004	Start Angle 0-359°*3
AFV-PLUS-005	Overload Capability 200% 2 sec, 150% 5 sec, 125% 15 sec*3
AFV-PLUS-006	Fast Voltage Response Option (with Time Setting Resolution 0.01S)*2
AFV-PLUS-007	Analog Control Interface
AFV-PLUS-008	GPIB Interface
AFV-PLUS-010	Three Phase Angle Adjustment
AFV-PLUS-012	Input Voltage 200V*3
AFV-PLUS-013	Input Voltage 208V*3
AFV-PLUS-014	Input Voltage 240V*3
AFV-PLUS-015	Input Voltage 400V
AFV-PLUS-016	Input Voltage 480V
AFV-PLUS-017	Output Voltage 0-400V (L-N)
AFV-PLUS-018	Output Voltage 0-600V (L-N)
AFV-PLUS-020	Interface Card (Ethernet/RS-232&RS-485/USB)
ACCS-001	USB to RS-485 converter +RS-232/RS-485 Cable M-F type (2M)
ACCS-002	USB to RS-232 converter +RS-232/RS-485 Cable M-F type (2M)
ACCS-003	RS-232/RS-485 Cable M-F type (2M)

*1 THD ≤ 2%.
*2 THD and Load Regulation ≤ 1%
*3 Please contact us for specifications.