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YADA ELECTRONICS

2026 Product Catalog



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▶ ABOUT YADA ELECTRONICS

Established in 1994, Guangdong Yada Electronics Co., Ltd. is a public company listed on the Beijing Stock Exchange, with a registered capital of 23.7 million US dollars. Yada focuses on the R&D, manufacturing and supply of comprehensive solutions for intelligent power monitoring and control systems, serving customers worldwide.

We have built two provincial-level R&D centers and been certified as a National High-Tech Enterprise and National Intellectual Property Demonstration Enterprise. Our 60,000 m² industrial park houses 37,000 m² of high-standard workshops, fully equipped with complete production lines, professional testing equipment and advanced laboratories.

Yada provides intelligent power meters, monitoring devices, surge protection products and sensors. Our products are widely applied in data centers, communication base stations, electric vehicle charging stations, rail transit, industrial buildings and municipal engineering projects. Featuring stable performance and complete functions, our products support customized design and have been adopted by numerous landmark projects and well-known enterprises.

With over 30 years of technical accumulation and on-site application experience, many of our technologies are at the leading level in China. Yada maintains strong competitive advantages in brand influence, core technology, product quality and customer resources.



▶ BUSINESS CERTIFICATES



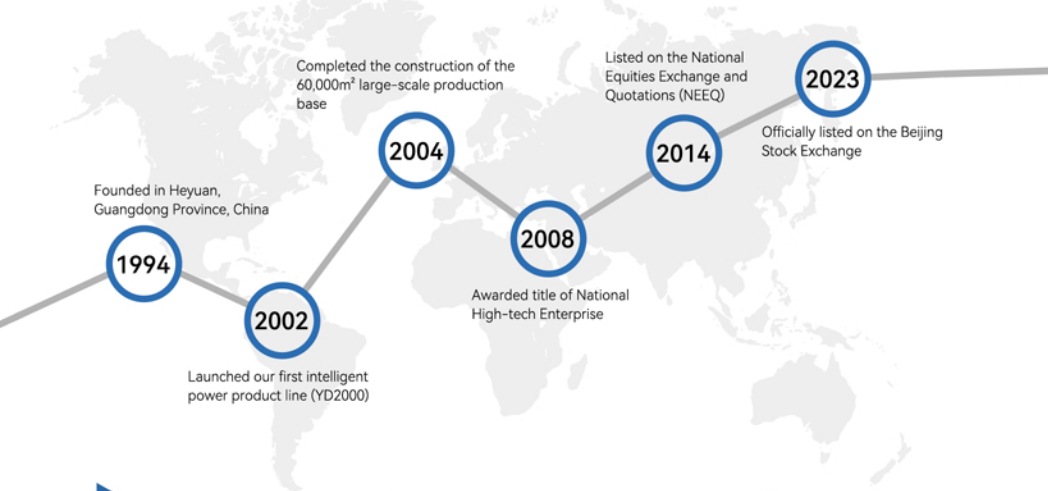
▶ PRODUCT CERTIFICATES



CORPORATE DEVELOPMENT

Since its founding in 1994, YADA has been dedicated to the intelligent power industry for over 30 years. We commit to delivering cost-effective products and creating value for customers through reliable quality and a comprehensive product portfolio.

We also provide an innovation and career development platform for employees and partners. Together with clients and team members, we strive to reach and exceed international advanced standards for safe and smart power utilization.



PREMIUM GLOBAL PARTNERS



PRODUCTION CAPACITY & QUALITY ASSURANCE



Total Employees: 700+



R&D Engineers: 160+



Automated Production Lines: 20+



Annual Output: 5,200,000 units



2025 Annual Revenue: 50,000,499.03 US dollars





ACTIVE HARMONIC FILTER (AHF)



CERTIFICATES



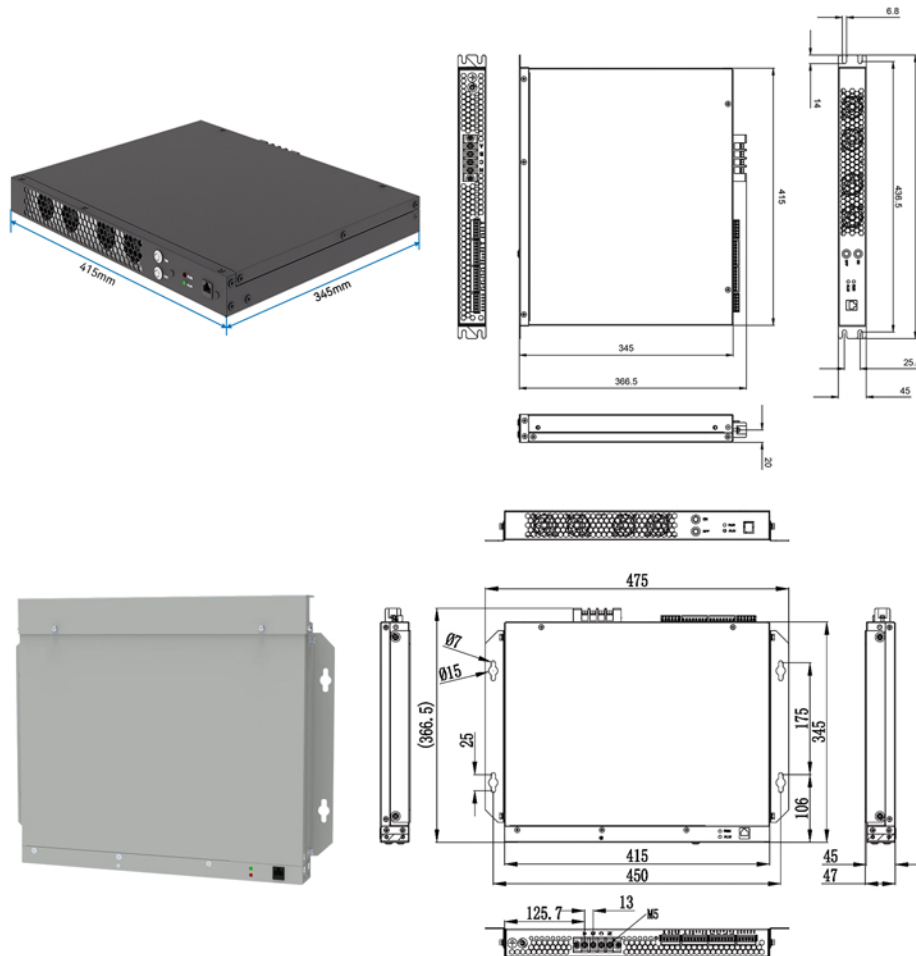
YADA AHF APPLICATIONS



ULTRA-NARROW AHF/SVG

- ❖ Independent button design for simpler operation.
- ❖ Minimal internal wiring design with optimal airflow planning for better heat dissipation. Operating temperature can reach up to 55°C.
- ❖ Equipped with a PWM speed control fan and smart AI algorithms, which improve efficiency at light load and extend the fan's lifespan.

DIMENSIONS (Rack Mount, Unit:mm)



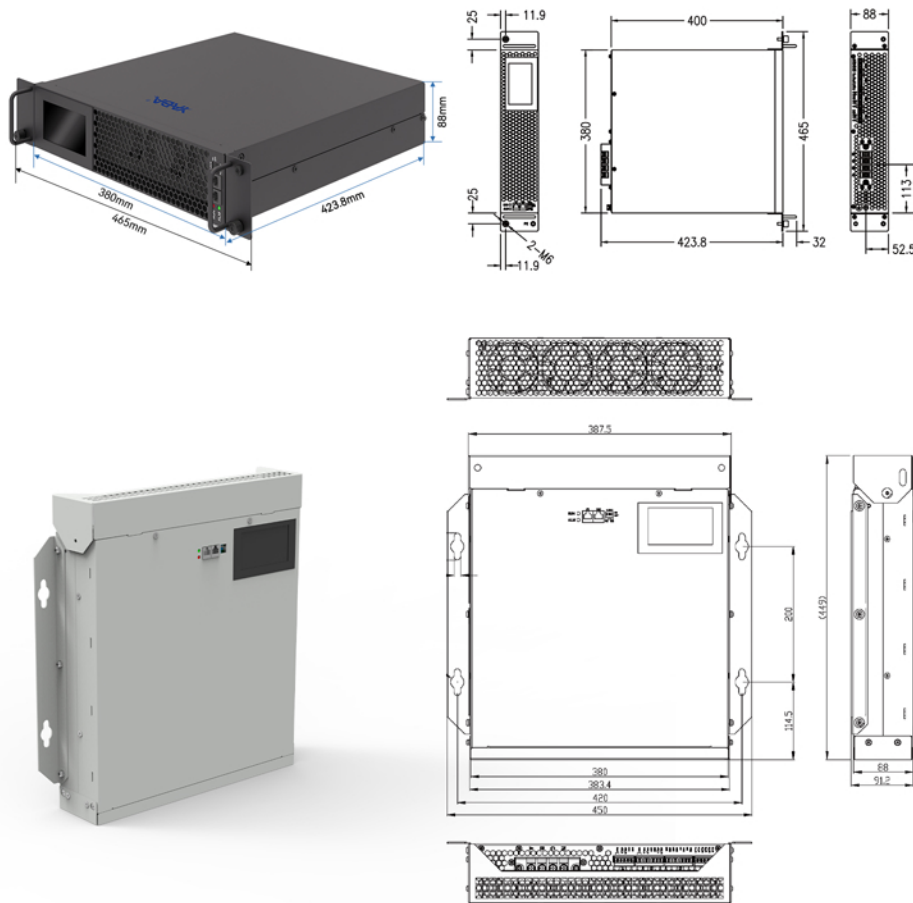
SPECIFICATION

Module Parameters	
Voltage	400VAC
Power	AHF 15A, SVG 10kvar
System Parameters	
Input Voltage	400VAC (-20% ~ +15%)
Frequency	50Hz/60Hz (±3Hz ~ ±3Hz)
The Number of Parallel Units	1 Unit
Power Loss	< 2%, stable under working conditions
Power Grid	3P4W or 3P3W
CT	50/5 ~ 10,000/5
Performance Standards	
Response Time	< 5ms
Target Power Factor	1 to +1, the sensitivity range is continuously adjustable.
Compensation Mode	Harmonic suppression / reactive power compensation / imbalance compensation, 11 modes can be combined arbitrarily
Noise Level	< 60dB
Communication Control	
Communication Port	RS485, network interface
Communication Protocol	Modbus, TCP/IP, CAN
Indicators	Mechanical keys, LED display, independent indicator lights
Mechanical Properties	
Mounting Method	Rack Mounting/Wall mounting
Dimensions (mm)	340 x 410 x 45
Net Weight	7.5 kg
Height	45mm
Color	Industrial black/white (customizable)
Environment Requirements	
Altitude	≤ 1500m; 1500m ~ 3000m
Operating Temperature	-40°C ~ +55°C
Storage Temperature	-45°C ~ +70°C
Humidity	5% ~ 95%
Protection Level	IP20
Applicable Standards	
International Standards	IEEE519, IEC6100-3-6, ER G5/4
Safety Standards	JB/T 11067-2011, DL/T 1216-2019

DISTRIBUTED MODEL AHF/SVG

- ❖ Adopts 4.3-inch touch screen design with physical keys, delivering simpler and more user-friendly operation.
- ❖ Minimal internal cable layout and optimized air duct design for superior heat dissipation.
- ❖ Maximum operating ambient temperature up to 55°C.
- ❖ Equipped with PWM speed-regulating fans and intelligent AI algorithm, which improves the efficiency of light-load equipment and extends fan service life.

DIMENSIONS (Rack Mount, Unit:mm)



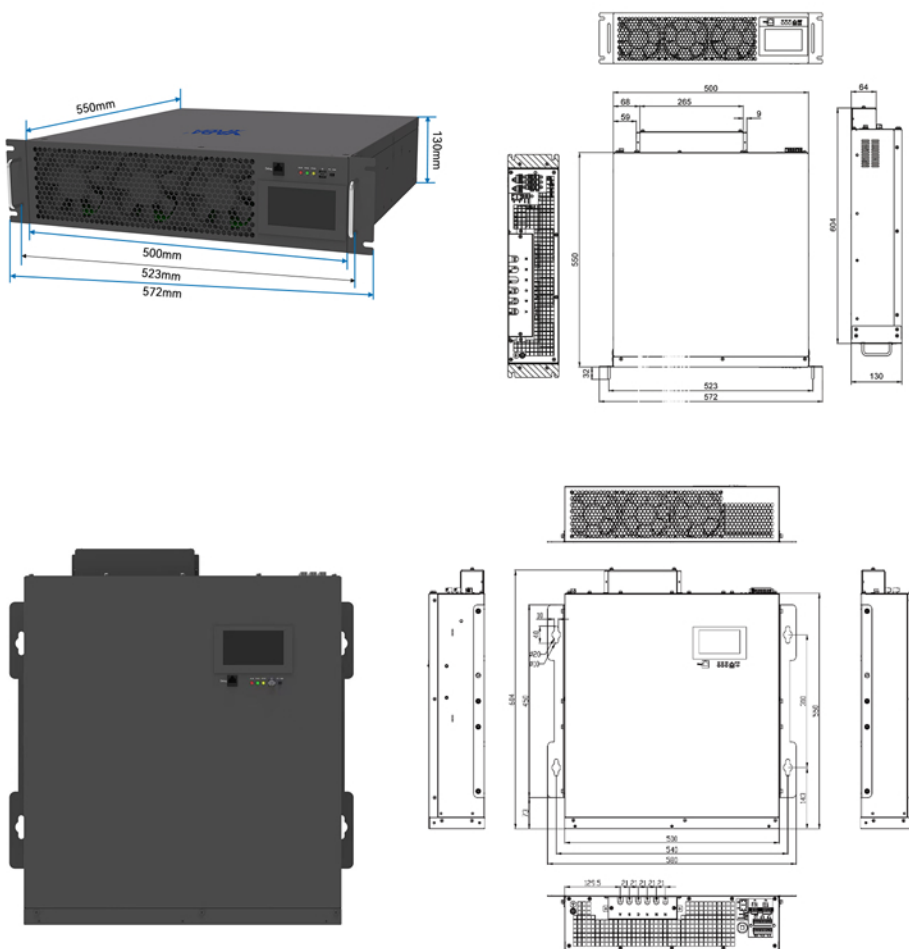
SPECIFICATION

Module Parameters	
Voltage	400VAC
Power	AHF 30A, 50A; SVG 30Kvar, 35Kvar
System Parameters	
Input Voltage	400Vac (-20%~+15%)
Frequency	50Hz/60Hz (-3Hz~+3Hz)
The Number of Parallel Units	≤8 Unit
Power Loss	< 2%, stable under working conditions
Power Grid	3P4W or 3P3W
CT	50/5 ~ 10,000/5
Performance Standards	
Response Time	< 5ms
Target Power Factor	1 to +1, the sensitivity range is continuously adjustable.
Compensation Mode	Harmonic suppression / reactive power compensation / imbalance compensation, 11 modes can be combined arbitrarily
Noise Level	< 60dB
Communication Control	
Communication Port	RS485, network interface
Communication Protocol	Modbus, TCP/IP, CAN
Indicators	4.3-inch touch screen or 2.5-inch key screen, with LED indicator lights.
Mechanical Properties	
Mounting Method	Rack Mounting/Wall mounting
Dimensions (mm)	380×424×88
Net Weight	11.5kg
Height	2U
Color	Industrial black/white (customizable)
Environment Requirements	
Altitude	≤ 1500m; 1500m ~ 3000m
Operating Temperature	-40°C ~ +55°C
Storage Temperature	-45°C ~ +70°C
Humidity	5% ~ 95%
Protection Level	IP20
Applicable Standards	
International Standards	IEEE519, IEC6100-3-6, ER G5/4
Safety Standards	JB/T 11067-2011, DL/T 1216-2019

ANTI-POLLUTION STANDARD AHF/SVG

- ❖ High pollution and high dust resistance for harsh environments
- ❖ Error-proof wiring design to reduce onsite and service workload
- ❖ Built-in 4G/Wi-Fi module (optional)
- ❖ Consistent size design across the entire series, with strong heat dissipation and low noise

DIMENSIONS (Rack Mount, Unit:mm)



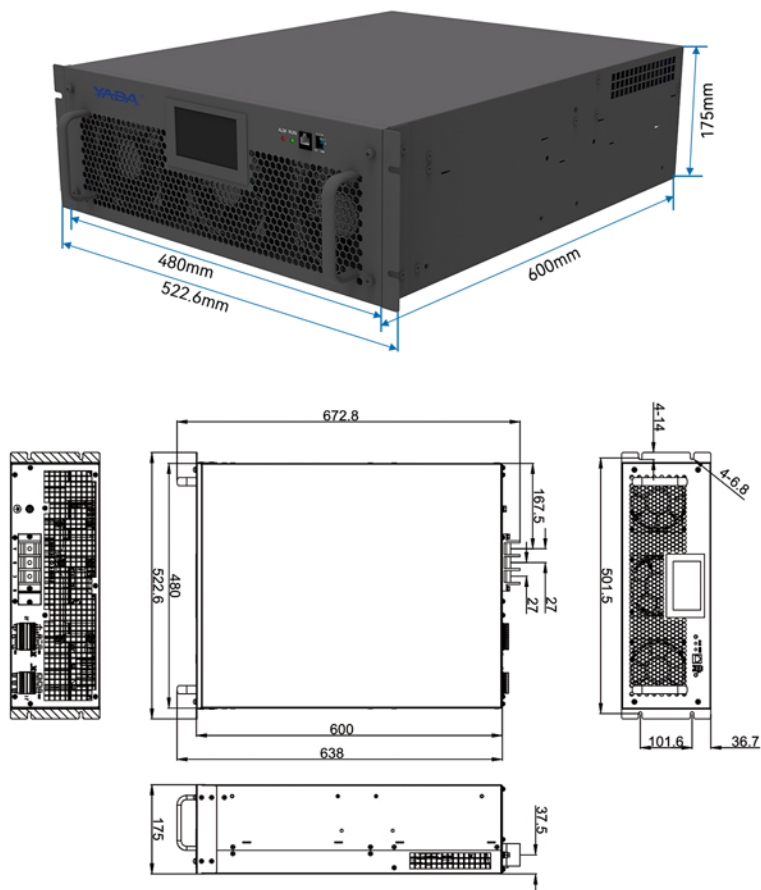
SPECIFICATION

Module Parameters					
Voltage Class	400VAC				
Current Class	AHF 50A	AHF 75A	AHF 100A	AHF 150A	AHF 200A
Power Class	SVG 35kvar	SVG 50kvar	SVG 75kvar	SVG 100kvar	SVG 150kvar
System Parameters					
Input Voltage	400Vac (-20% ~ +15%)				
Frequency	50Hz / 60Hz				
The Number of Parallel Units	≤16 Unit				
Power Loss	< 2%, stable under working conditions				
Power Grid	3P4W or 3P3W				
CT	150/5 ~ 10,000/5				
Performance Standards					
Filtering Range	2~50 Order				
Filtering Capability	THDi<5% (Rated load, THDu < 1%)				
Fast Response Time	< 50μs				
Response Time	< 5ms				
Target Power Factor	-1 to +1				
Noise Level	< 60dB				
Communication Control					
Communication Port	RS485, network interface				
Communication Protocol	Modbus, TCP/IP, CAN				
Indicators	4.3 inch Screen, LED Indicator				
Mechanical Properties					
Mounting Method	Wall Mounting/DIN rail Mounting				
Dimensions (mm)	500×550×130				
Net Weight	25kg	27kg	29kg	32kg	35kg
Color	Industrial black (customizable)				
Environment Requirements					
Altitude	≤1500m; 1500m~4000m				
Operating Temperature	-40℃ ~ +55℃				
Humidity	5% ~ 95%,without condensation				
Protection Level	IP20				
Applicable Standards					
International Standards	IEEE519, IEC6100-3-6, ER G5/4				
Safety Standards	DL/T 1216-2019				

800V/690V STANDARD AHF/SVG

- ❖ Ultra-high efficiency, with a maximum efficiency of 98%
- ❖ Ultra-compact design, with a consistent height of 175mm across the entire series
- ❖ Resistant to high pollution and harsh, high-dust environments
- ❖ Error-proof wiring design to reduce onsite and service workload

DIMENSIONS (Rack Mount, Unit:mm)



SPECIFICATION

Module Parameters		
Voltage Class	800V	690V
Current Class/Power Class	AHF 85A, SVG 120Kvar	AHF 100A, SVG 120Kvar
System Parameters		
Input Voltage	800V/690V (-20%~+10%)	
Frequency	50Hz / 60Hz	
The Number of Parallel Units	≤16 Unit	
Power Loss	< 2%, stable under working conditions	
Power Grid	3P3W	
CT	150/5 ~ 10,000/5	
Performance Standards		
Filtering Range	2~50 Order	
Filtering Capability	THDi<5% (Rated load, THDu < 1%	
Fast Response Time	< 50μs	
Response Time	< 5ms	
Target Power Factor	-1 to +1	
Noise Level	< 60dB	
Communication Control		
Communication Port	RS485, network interface	
Communication Protocol	Modbus, TCP/IP, CAN	
Indicators	4.3 inch Screen, LED Indicator	
Mechanical Properties		
Mounting Method	Wall Mounting/DIN rail Mounting	
Dimensions (mm)	480×600×175	
Net Weight	40kg	
Color	Industrial black (customizable)	
Environment Requirements		
Altitude	≤1500m; 1500m~4000m	
Operating Temperature	-40℃ ~ +55℃	
Humidity	5% ~ 95%,without condensation	
Protection Level	IP20, and other IP ratings can be customized	
Applicable Standards		
International Standards	IEEE519, IEC6100-3-6, ER G5/4	
Safety Standards	DL/T 1216-2019	