

## Active Power Filter APF



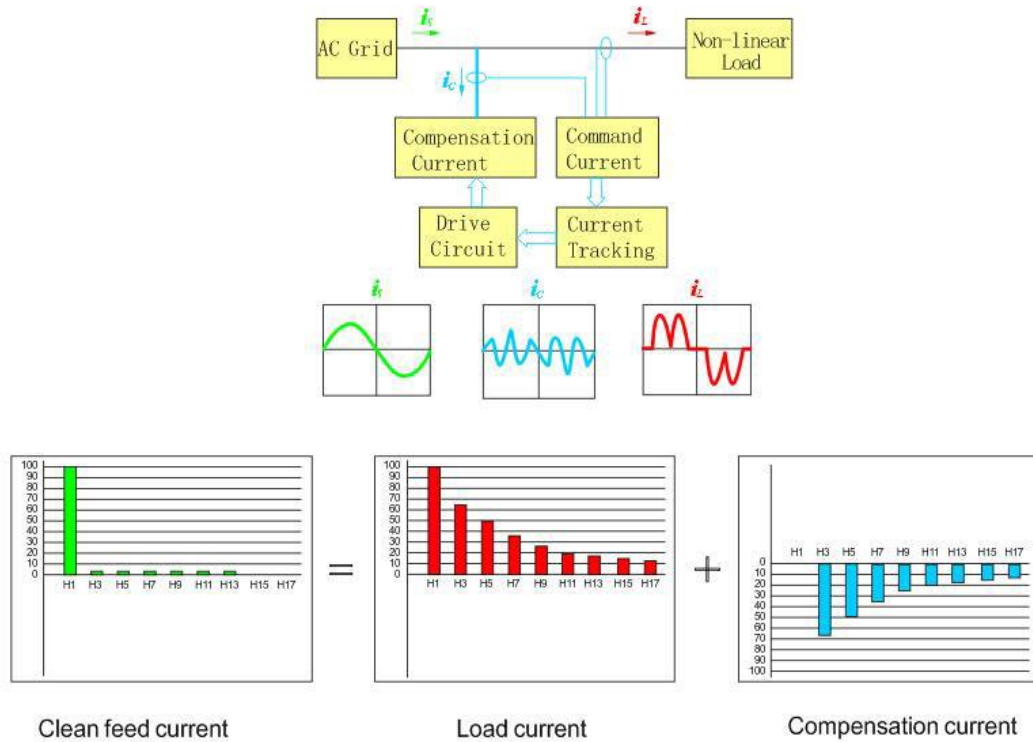
Rongzhi Electric Power is a large-scale Active Power Filter APF manufacturer and supplier in China. We have been specialized in High voltage equipment for many years. Our products have a good price advantage and cover most of the South America, Middle East, Africa, Southeast Asia markets. We look forward to becoming your long-term partner in China.

## Rongzhi Active Power Filter APF Introduction

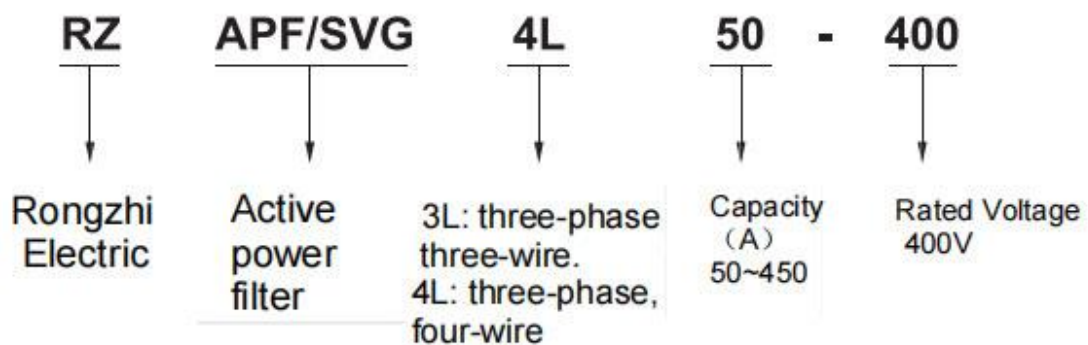
Active Power Filter (APF) is a new type of power electronic device which is used to dynamically suppress harmonics and compensate reactive power. It can compensate the harmonic and reactive power which change in size and frequency.

Active power filter is called active power, as the name implies, the device needs to provide power (to compensate the harmonics of the main circuit). Its application can overcome the shortcomings of traditional harmonic suppression and reactive power compensation methods such as LC filter (traditional compensation can only be fixed), realize dynamic tracking compensation, and can complement both harmonic and reactive power.

# Rongzhi Active Power Filter APF Active Power Filter Diagram



## Rongzhi Active Power Filter APF Model Instruction



## Rongzhi Active Power Filter APF Parameter (Specification)

Size	400V
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	50A-450A
Rated input line voltage	380V(-40%~+20%)
Power frequency	50/60Hz(Range45Hz~62Hz)
Number of Parallelable	unlimited
overall efficiency	≥97%
Power network structure	Three phase three wire four phase four wire
Current transformer	150/5~10000/5
circuit topology	Three level
performance index	
harmonic compensation	support
reactive compensation	support
unbalance compensation	support
harmonic range	>97%
fast response time	<100us
total reponse time	<10ms
Target power factor	Capacitive sensibility is continuously adjustable
Switch frequency	10kHz
Cooling Type	Intelligent air cooling

noise label	<65dB
communication interface	RS485, CAN, network interface
communication agreement	General electric protocol. Modbus protocol
Module display interface	LCD multi-function touch color screen
Protection function	Protection of overvoltage .short circuit, inverter reverse and over compensation
Fault Alarm	Yes
Environmental requirement	
Altitude	≤ 1500mm,Between 1500 and 4000m, according to GB/T3859-2, every 100m increase, the power is reduced by 1%
Operating temperature	-10℃~+40℃
Relative humidity	5%~95%, without condensation
Protection Grade	Other IP levels can be customized

## Rongzhi Active Power Filter APF FAQ

### 1.Can you OEM for our company?

-- Yes, we can supply OEM package and OEM labels.

### 2.Can you supply the sample before real order?

-- Yes, Samples are no problem.

### 3. Can you custom-made products for us as our samples?

-- Yes, Our engineer will it for you.

### 4. How can I place the order now?

-- Just read this contact information and ask for service.