Since 1979

ISO9001

Harmonic Filter
APF Series
Three Phase
25-300A

Provides the simplest and most effective means to mitigate harmonics, and improve equipment operating life

Features & Benefits

- Voltage ratings from 208 to 480vac
- 25 to 300 amp ratings
- Dynamically cancels 3rd to 50th orders harmonics
- Graphics display and analyzer
- Individual or parallel systems for added capacity
- Immediately improves electrical system efficiency
- Reduces operations and maintenance costs
- Quick and easy installation with virtually no downtime
- No need for complex site analysis

Applications

- Computers and Peripherals
- Variable Frequency Drives (VFDs)
- Uninterruptible Power Supplies(UPS)
- Frequency Converters
- DC Power Systems/Chargers

MODERN® Power Solution Provider

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Technical Specifications

Models					
Modular Rack	30A	50A	75A	100A	150A
Dimensions	680x200x530(WxHxD)mm				
Wall Mout	30A	50A	75A	100A	150A
Dimensions	730x208x576(WxHxD)mm				
Standalone	100A		150A		300A
Dimensions	800x800x2200(WxHxD)mm				
Parallel Number	6				
Input					
Working voltage	400V/690V(-20%~+15%)				
Frequency	50Hz/60Hz(-10%~+10%)				
Current Transformer	100:5~10000:5				
Function					
Harmonic Compensation	2nd - 50th orders				
Harmonic Filtering Rate	>97%				
Reactive Power Compensation	-1~+1 adjustable				
Three Phase Unbalance Compensation	100% unbalance Compensation				
Communication					
Communication Mode	RS232, 485, Modbus Port, TCP/IP optional				
Communication Interface	RS485				
Tech Index					
Response Time	<10ms				
Active Power Loss	<2.5%				
Heat Dissipation Method	Intelligent air cooling				
Noise	<60dB				
Protection Function	Overvoltage, undervoltage, overcurrent,overheating, short circuit protectionand so on over 20 protections				
Mechanics					
Weight	25kg (<=75A/50kvar) 25kg (<=75A/50kvar)				
Color	Fine orange stripes, RAL 7035				
Environmernt					
Working Temperature	-10 °C to +45 °C				
Altitude	<1500 meters (100 meters per increase capacity decreased by 1%)				
Relative Humidity	<99%				
Protection Level	IP20 (higher protection level can be customized)				