

XIXING TECH



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Shanghai Xixing Technology

EasyPQ-S

SHANGHAI • CHINA

EasyPQ-S

The EasyPQ-S series is our company's newly launched APF (Active Power Filter) device. It incorporates next-generation silicon carbide (SiC) technology to provide an integrated solution for reactive power compensation, harmonic suppression (mitigating 2nd to 50th order harmonics), and three-phase unbalance correction, significantly enhancing power system stability. The product has already obtained CE and RoHS certifications. It can operate in a wide temperature range of -10°C to +45°C and withstand voltage fluctuations of 220V (-20%~+20%) /380V (-20%~+20%) /400V (-20%~+20%) /415V (-20%~+20%) /480V (Max:505V) . It offers dual installation modes (wall-mounted/rack-mounted) for flexible deployment. With a focus on high efficiency, safety, and compact design, it provides round-the-clock power quality protection for industrial and commercial power distribution systems.

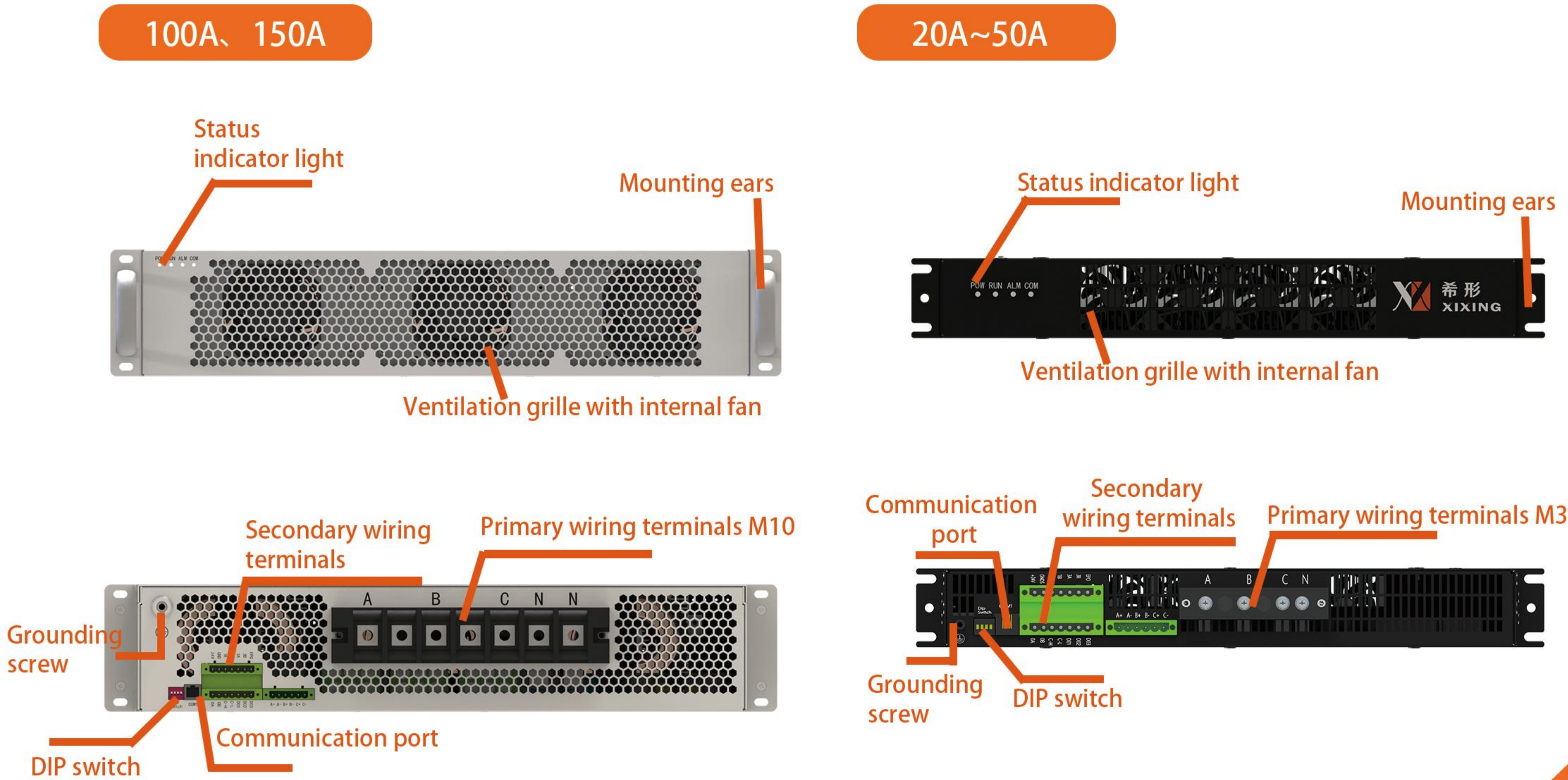


Using silicon carbide (SiC) material, with lower losses (<2%) and a more compact size.

Reliability and response speed doubled, with power module size reduced by 46%.

Using reactive power compensation to mitigate harmonics from the 2nd to the 50th order and regulate three-phase current imbalance.

Interface Description



Product parameters

Name	Product Series	EasyPQ-S			
Specifications	Specifications	20A	30A	50A	100A、150A
	Dimensions （W*D*H, mm）	326*357*45	350*367*50	326*380*70	480*500*100
	Number of units that can be connected in parallel	Unlimited			
	Maximum Capacity per Cabinet（W*D*H, mm）	900A 600*800*2200			
Input	Rated input line voltage	220V（-20%~-+20%）/380V（-20%~-+20%）/400V（-20%~-+20%）/415V（-20%~-+20%）/480V（Max:505V）			
	Grid Frequency	50Hz/60Hz			
	Current Transformer	100/5~30000/5			
Function	Harmonic Compensation	2-50 order			
	Reactive Power Compensation	Adjustable from -1 to +1 (within device capacity)			
	Three-Phase Unbalance Compensation	100% unbalance fully compensated			
Communication Protocol	Communication Method	Modbus Protocol			
	Communication Interface	RS485、Network Port(optional)、WiFi(optional)			
	Upper Computer Software	Yes, all parameters can be set via PC software			
	Fault Alarm	Yes, up to 500 alarm records			
	Monitoring	Supports independent module monitoring / centralized cabinet monitoring			
Technical Indicators	Full Response Time	≤20ms			
	Efficiency	99%			
	Cooling Method	Intelligent Forced Air Cooling			
	Protection Functions	Over-voltage, under-voltage, over-temperature, over-current, short circuit, etc. (over 20 types)			
Mechanical Properties	Module weight	5.5KG	7.5KG	8KG	30KG
	Color	Black RAL9005		White RAL7035	
Environmental Requirements	Operating Temperature	-10℃~+45℃			
	Altitude	<5000m (According to national standard GB/T3859.2, capacity reduces by 1% for every 100m above 1000m)			
	Relative Humidity	<95%, non-condensing			
	Protection Rating	Module IP20			

