


Ficha Técnica

			
System	Mounting Type	Cabinet	
	Rated Input	400V LL ±15%	690V LL ±15%
	Power Grid Frequency	50/60Hz ±5%	
	Parallel Operation	8 modules, customizable	
	Overall Efficiency	≥97%(laboratory data)	
	Circuit Topology	3-level	
Performance Indicators	Rated Capacity	Up to 600A	Up to 500A
	Compensation Mode	Harmonic, reactive power, unbalance	
	Filtering Range	2 to 51 orders	
	Filtering Order	Selectable from 2 to 51	
	Filtering Degree	Adjustable from 2 to 51	
	Reaction Time	<100μs	
	Response Time	<5ms	
	Target Power Factor	Adjustable from -1 to +1	
	Control Algorithm	FFT, Intelligent FFT and instantaneous reactive power	
	Switching Frequency	20kHz	
	Cooling Mode	Forced air cooling	
	Noise Level	≤65dB	
Communications and Monitoring	Communications Port	RS485	
	Communications Protocol	Modbus-RTU	
	Module Display Interface	7in/10in LCD touch screen(optional)	
	Protection Function	Automatic current limit protection for power grid over-voltage and under-voltage,power grid over-frequency and under-frequency,inverted sequence of input voltage, over-current,over-heating and over-load, and busbar short-circuit.	
	Monitoring Alarm	Available	
	Monitoring	Independent monitoring and centralized monitoring	
Mechanical Properties	Net Weight	150kg-400kg	230kg-600kg
	Dimensions (W*D*H mm³)	800×800×2200 1000×800×2200 1000×1000×2200	800×800×2200 1000×800×2200 1500×800×2200
Ambient Condition Requirements	Altitude	1,000m, for every increased 100m, the power is reduced by 1%.	
	Operating Temperature	-20°C-45°C	
	Relative Humidity	5% to 95%,non-condensing	
	Protection Class	IP20(customizable)	