Modular active power filter technical parameters

Basic parameter	Product Model	BK-25A	BK-35A	BK-50A	BK-60A	BK-100A
	Compensation Capacity	25A	35A	50A	60A	100A
	Network Configuration	Three phases and three lines (3P3W), three phases and four lines (3P4W)				
	Vavailable Voltage Level	Adopt Relay smart multi-gear adjusting voltage				
	Available Voltage Level	380V-690V				
	Input Voltage Range (V)	380V/690V-40%~+20% (three phase voltage)				
	Input Frequency Range (Hz)	50/ 60HZ +/ -5%				
	Size (mm, W*D*H)	260* 455* 200		440* 630* 176		440* 575* 232
	Permitted parallel units	No limited				
	Net Weight (Kg)	16		28		40
	Mounting Type	Wall-mounted or rack-mounted Cabinet				
	Enter-wire Way	Top Enter-wire Way/Back Enter-wire Way				
	Noise (dB)	<54		<56		<58
	Cooling Method	Intelligent air cooling 75L/Sec		Intelligent air cooling 151L/Sec		Intelligent air cooling 300L/Sec
	Running Temperature	-5℃~+45℃				
	Equalized Charging Voltage	28.2VDC		56.4VDC		
	Temperature Compensated Voltage	3mV/ ℃ /cell				
	Storage Temperature	-40℃~+70℃				
	Indoor Relative Humidity	Maximum 95%, non-condensing				
	Altitude	≤1500m, between 1,500m and 4,000m, altitude adds 100m while power reduce 1% according to national standard GB/T3859.2				
	Protection	IP20,(other classes upon request)				
	MTBF	Mean Time Between Failures>100,000 hours				
	Ct connecting wire way	Source side and load side				
	Harmonic compensation range	2nd~50th order (individual selectable)				
	Switching Frequency	20KHz				
Key Index	Control method					
	Topological structure	3phase				
	Efficiency	≧97%				
	Response time	Instant response time<100us, full response time<10ms				
	Reactive power compensation	Yes				
	Compensated 3 phase unbalanced loads	Yes				
Extended Function	Overload Protection	Yes, automatic limited current, 100% rated output				
	Human-computer Interface	3.8" LCD, 12 lines, and can display harmonic waves waveform				
	Communication Protocol	Ethernet network, RS485, Modbus protocol, dry contacts				
	PC Software	Yes, can set up all parameters				
	Fault Record	Yes, 500 records				

Complete cabinet active power filter technical parameters