

MV Capacitor Banks / Harmonic Filters

Open air - Data Sheet

Item	Technical Parameter
Standards	IEEE STD 18 / CSA Ratings
Rated Capacity	Any kvar rating
Rated Frequency	50, 60 Hz
Rated Voltage	Up to 230 kV
Continuous RMS Overvoltage	110% of rated voltage for standard and up to 125% for heavy duty designs
Connection	Ungrounded wye, ungrounded split wye, grounded wye, delta
Structure	Galvanized steel (std) / Aluminum (optional)
Structure Height	Elevated (8 ft std) or non-elevated
Switching Element	CapSwitcher SF6 (Other technologies available upon request)
Fusing	External fuse, internal fuse or fuseless
Type of operation	Fixed / automatic single-step or multi-step
Design	Capacitor bank / Detuned capacitor bank / Tuned harmonic filter
Capacitors	50 up to 800 kvar, single phase, free of PCB's
Grounding Switch	3-5 poles, manual group operation, provisions for kirk-key interlock
Unbalance detection	Potential transformer (1-2 bushings) / Current transformer / High voltage capacitor banks include auxiliary capacitors/resistors
Control (optional)	Power factor, reactive power, or voltage settings

Note: Non-standard requirements or designs are available upon request