

Static Var Generator			
Model		KY-50-SVG	KY-100-SVG
System parameter	Rated input line voltage	400V	
	Input phase voltage range	-40% ~ +20%	
	The grid frequency	50Hz/60Hz(scope: 45Hz~63Hz)	
	Number of parallel machines	Unlimited	
	The machine efficiency	97%	
	The network structure	three phase three wire system / three phase four wire system	
	Current transformer	150/5-10000/5	
Property index	Circuit topology	Three-level Inverter	
	Single module compensation capacity	50kvar	100kvar
	The response time	< 15ms	
	The compensation scope	The capacitive sensibility is continuously adjustable	
	Cooling mode	Intelligent air cooling, 220L/sec	Intelligent air cooling, 405L/sec
	Noise indicator/singlemodule	< 65dB	
Communication monitoring capability	Communication interface	RS485, CAN (Optional), EMAC	
	Communication protocol	Modbus protocol	
	Alarm monitoring	√	
	Alarm monitoring	Independent monitoring, centralized monitoring of optional parts	
Mechanical properties	Fixed way	Rack type, wall-mounted type, FCL type	
	Into the way of line	Rack type back line, wall type up line, the whole cabinet for up line or down line	
	Dimensions(W * D * H, mm³)	500*510*190 (Machine cabinet) 500*190*560 (wall-mounted)	500*470*270 (Machine cabinet) 500*267*545 (wall-mounted)
	Weight	35kg	48kg
	Color	RAL7035	
Environmental requirements	The altitude	≤ 1500m, 1500~4000m, GB/T3859.2. For every 100m increase, the power decreases by 1%	
	Operating temperature	-10~40°C	
	Relative humidity	5%~95%, There is no lon	
	Protection grade	IP20, The remaining IP levels are customizable	
Standard	Follow the standard	IEEE519, IEC 61000-3-6, ER GS/4	