

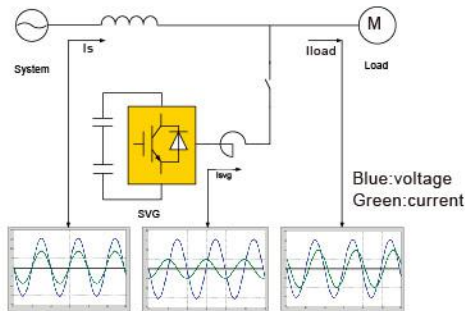
ANSVG



Principles of ANSVG

Static var generator is a new type of power electronics used to compensate for reactive power, harmonics, and regulation imbalances.

ANSVG is a kind of static var generator device which integrates an intelligent control system. The equipment is generally put into operation in the form of a complete machine which composed of multiple ANSVG modules to meet the actual requirements of compensating for the reactive power of a larger capacity. In addition, the device also has a 7-inch LCD screen that communicates with the module in real time via the RS485 protocol, enabling users to interact with the device. The schematic is shown as bellow.



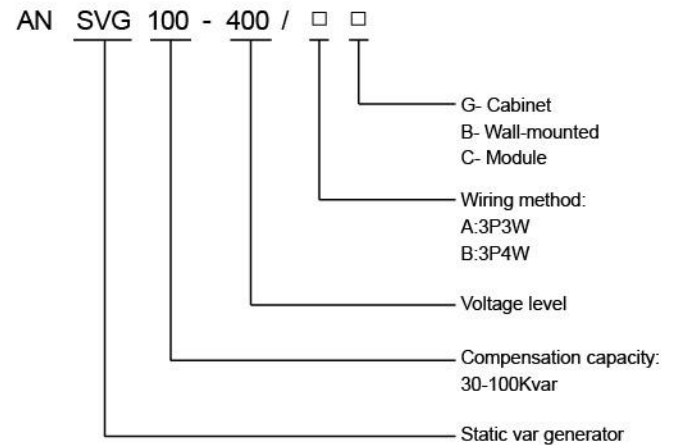
The schematic of ANSVG

Technical Parameter

Rated voltage	380V ±15%
Rated frequency	50Hz ±2%
Compensation method	Linear compensation
Response time	Full response time≤5ms, Instantaneous response time≤100μs
Switching frequency	20kHz
Compensation effect	≥0.99, Compensates for capacitive reactive and inductive reactiver
Self-loss	≤2%
Efficiency	≥98%
Total harmonic compensation rate	≥ 97%

Cooling method	Forced air cooling
Noise	≤60dB
Operation temperature	-10℃ ~ +45℃
Storage temperature	-25℃ ~ +60℃
Relative humidity	≤95% (No condensation)
Altitude	≤1000m
Protection level	IP20
Communication	RS485(Modbus-RTU) or Ethernet(Modbus-TCP)
Module capacity	30kvar,50kvar,75kvar or 100kvar
Working mode	Automatic or manual
Overload protection	Automatic limit to rated current output

Model Description



Structure and size

MODULE:

