

PERFORMANCE DATA



■ Operating voltage	228V- 456V (up to 690V on request)
■ Rated frequency:	
■ Inverter type:	Silicon Carbide Mosfet
■ Efficiency:	99%
■ Switching frequency	40kHz (average)
■ Response time:	<50us (full correction <15ms)
■ correction level:	>97%
■ Power supply	Three-phase, 3-wire or 4-wire (3-phase+neutral)
■ Rated neutral current	3In (4-wire type only)

Static Var Generators are part of the new electronic power factor correction equipment capable of generating capacitive and inductive reactive energy. Particularly useful in presence of photovoltaic system  
They are also characterised by a fast response to load variations and the ability to balance currents on the 3 phases

TECHNICAL DATA

Power factor correction	inductive and capacitive correction
Unbalance compensation	phase-by-phase compensation of unbalanced loads
Communication protocol	RS485 port, RJ45; MODBUS RTU protocol, TCP/IP
Protections	overvoltage, undervoltage, overtemperature
TA Report	150/5 ÷ 30.000/5 A
Degree of protection	IP20
Power losses	
Assembly	wall or cabinet
Operating temperature	- 20 to 40°C (downgraded for temperature > 40°C).
Relative humidity	<95% without condensation formation
Storage temperature	- 20 ÷ 70°C
Noise level	< 65 dB
Altitude	

QUALITY AND TESTING

- Regulations

EEE519, ER GS/4 and IEC 61000
- Certifications

CE
- Testing

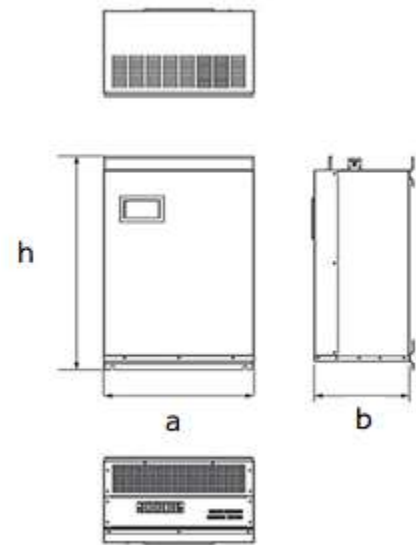
100 % of equipment undergoes visual inspection, insulation testing phase-to-phase and phase-to-ground, power testing and ventilation circuit checks

STANDARD CONFIGURATION

Code	REACTIVE POWER OUTPUT to (kvar)	Dimensions a x b x h (mm)	Weight (kg)
775-30**	30	500 x 88 x 470	24
775-50**	50	500 x 88 x 470	24
775-100**	100	500 x 100 x 520	31
775-200**	200	500 x 220 x 646	63

\*\* code suffix depends on features (no. of wires, mounting, )

WALL CONFIGURATION



IN-PANEL CONFIGURATION

For higher powers, cabinet solution consisting of rack modules.

