



DATI DI PERFORMANCE

- **Operating voltage** 228 - 456Vac
(up to 690V on request)
- **Frequency**
- **Inverter type:** Silicon Carbide Mosfet
- **Efficiency:** 99%
- **Switching frequency** 40kHz (average)
- **Response time:** <50us
- **Power supply** Three-phase, 3-wire or 4-wire
- **Rated neutral current** 3In (4-wire type only)
- **Residual THDI** < 5% (at full load)

TECHNICAL DATA

Power factor correction	inductive and capacitive correction
Unbalance compensation	phase-by-phase compensation of unbalanced loads
Harmonic current compensation	Up to the 50th harmonic (both odd and even order)
Communication protocol	RS485 port, RJ45; MODBUS RTU protocol, TCP/IP
Protections	Abnormal voltage/frequency; Inverter short-circuit; Abnormal output current; Inverter overload; 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

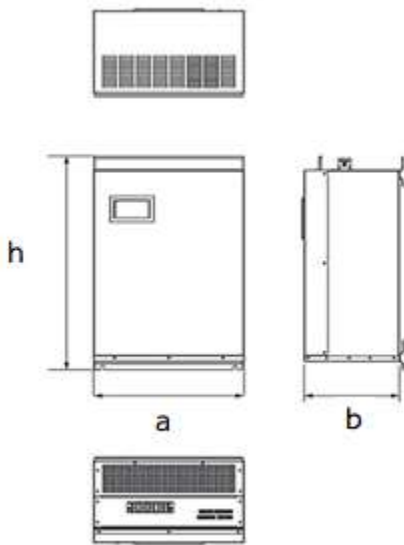
Testing 100 % of equipment undergoes visual inspection, insulation testing phase-to-phase and phase-to-ground, power testing and ventilation circuit checks

Table

Code	HARMONIC CURRENT compensable (A)	Dimensions a x b x h (mm)	Weight (kg)
778-25**	25	500x470x88	24
778-35**	35	500x470x88	24
778-50**	50	500x470x88	24
778-60**	60	500*470*88	27
778-75**	75	500*470*88	27
778-100**	100	500*520*88	27
778-150**	150	500*520*100	31
778-300**	300	500*646*220	63

** the code suffix depends on the characteristics (voltage, no. of wires, mounting,)

WALL CONFIGURATION



IN-PANEL CONFIGURATION

For higher powers, cabinet solution consisting of rack modules.

