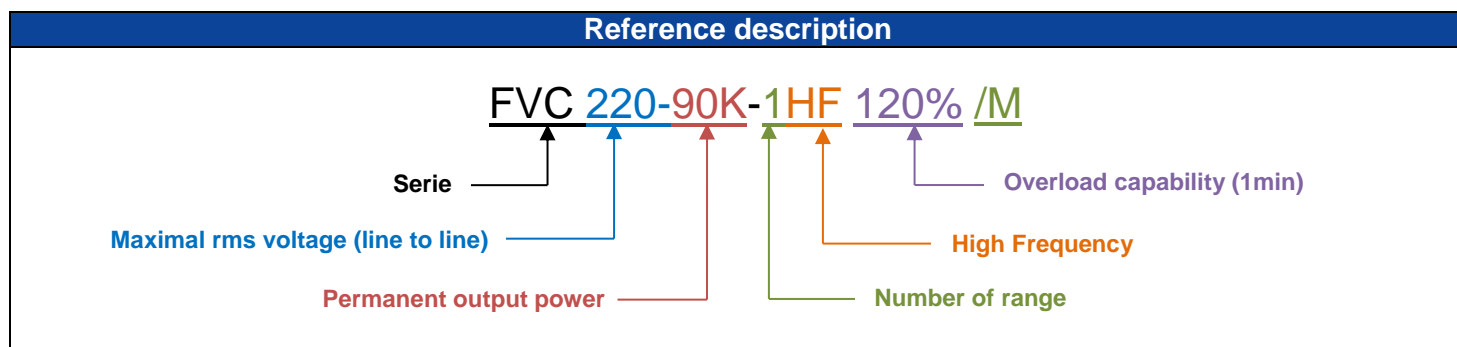


# Zenone, FVC

## Convertisseurs statiques de fréquence 50, 60 et 400Hz



Input specifications	
Nominal input voltage:	400V L-L 3W + GND
Voltage tolerance:	+/- 15%
Line frequency:	45-65Hz
Input current:	195A per phase
Line connection:	Internal clamps
Power factor:	>0.85



Output specifications (valid for both standard and constant power units)	
Output voltage:	Three phases 0~220Vrms L-L (i.e. 0-126Vrms L-N) or /M for single phase
Maximal output current	236Arms per phase permanent ; 283Arms during 1min
Maximal repetitive peak current:	397A
Minimal regulated voltage	11Vrms
Senses:	Internal and external
V accuracy	2% of F.S.
Line regulation:	1% of F.S.
Load regulation:	1% of F.S.
Linearity:	0.5% of F.S.;
DC offset:	0 (output is transformer coupled).
Max ripple:	0.5% of F.S.
Output frequency	BF=40 to 80Hz or HF=100 to 450Hz
Frequency resolution	0.01Hz
Frequency accuracy	0.15%
Output THD @ 400Hz	3-4%
Output connection	Internal clamps

Interfaces	
Front panel:	Voltage control though a 10 turns potentiometer Frequency control though a 10 turns potentiometer 3.5 digit digital voltage display 3.5 digit digital current and frequency display Emergency stop switch Line main circuit breaker
Communication interface:	RS-485
Digital inputs / outputs and safety interlock:	1x Normally opened no voltage contact for remote Run/Stop 1x PNP digital output signalling the output status (ON/OFF) 1x PNP digital output for alarm/fault signal.  1x Normally closed no voltage contact for safety interlock. Opening this contact disengage the MCB in order to disconnect the equipment from the mains (Emergency switch)
Analog inputs	2x 0-10VDC analog inputs (voltage and frequency).

Physical info	
Dimensions and weight:	900x900xh1900mm (approx.)
Temperature:	Operating: 5 to 40°C ; storage: -5 to 60°C.