

HFO

Rev. 3/21-06-2012

HIGH FREQUENCY CONVERTER

Robust, powerful and safe machine, realising optimal achievements under all circumstances.

Description

The compact and sturdy design of the converters guarantee maximum reliability and durability. The converters can be used continuously and are equipped with the strong "syntec" magnet system, CEE sockets (42V- 200 Hz) and motor safety-switch. HFO is available in several executions, for instance:

- Standard execution with carrying handle (HFO 0.7 / HFO 1.2).
- Standard execution with carrying frame (HFO 1.8 / HFO 2.5 / HFO 3.0 / HFO 4.0).
- In painted carrying frame with diesel engine.
- In painted frame with 2 small wheels.*
- In galvanic frame with 2 large wheels.*
- In galvanic frame with 2 large wheels, cabledrums and collector rings.*



* On request, the transportable frames can be equipped with, for instance, a switchbox for connecting high frequency poker vibrators.



HFO with diesel engine



HFO, into painted frame with 2 small wheels



HFO, into galvanic tubular frame with 2 large wheels and switchbox



HFO, into galvanic frame with 2 large wheels, cable drums and collector rings

Characteristics

Main characteristics of HFO are:

- Provided with patented “syntec” magnet system.
- Suitable for continuous use.
- Maximum reliability, safety and results.
- 1 - 4 outlets for connecting high frequency poker vibrators.
- Available in 230V-50Hz -1 phase or 400V-50Hz-3 phases or with diesel engine.

Technical information

Electrical executions:

TYPE	POWER OUTPUT	PRIM. VOLTAGE*	PRIM. AMPERAGE	SEC. VOLTAGE**	SEC. AMPERAGE	OUTLETS	WEIGHT
	kVA	V/phase/Hz	A	V/phase/Hz	A		
HFO 0.7/230	0.7	230/1/50	4.5	42/3/200	9.6	1	15
HFO 1.2/230	1.2	230/1/50	7.0	42/3/200	16.5	1	19
HFO 1.8/230	1.8	230/1/50	10.7	42/3/200	24.7	2	27
HFO 2.5/230	2.5	230/1/50	13.4	42/3/200	34.4	2	33
HFO 1.2/400	1.2	400/3/50	2.7	42/3/200	16.5	1	17
HFO 1.8/400	1.8	400/3/50	4.0	42/3/200	24.7	2	22
HFO 2.5/400	2.5	400/3/50	5.2	42/3/200	34.4	2	29
HFO 3.0/400	3.0	400/3/50	6.0	42/3/200	41.2	3	40
HFO 4.0/400	4.0	400/3/50	7.9	42/3/200	55.0	3	48
HFO 6.0/400	6.0	400/3/50	11.0	42/3/200	82.5	4	68
HFO 7.5/400	7.5	400/3/50	14.0	42/3/200	103.0	4	74

* Also available in 115V/1-phase/50 Hz – primary voltage.

** Also available in 115 & 250V/3-phases/200 Hz – secondary voltage.

Also available in larger types with 12.5 - 15.0 - 20.0 kVA power output.

Diesel executions:

TYPE	POWER OUTPUT	SEC. VOLTAGE**	SEC. AMPERAGE	OUTLETS	WEIGHT
	kVA	V/phase/Hz	A		
HFO Diesel*	2.5	42/3/200	34.4	2	47
HFO Diesel*	3.0	42/3/200	41.2	3	60
HFO Diesel*	4.0	42/3/200	55.0	3	62
HFO Diesel**	6.0	42/3/200	82.5	4	96

* Built into a frame.

** Built into a wheel frame.