

FREQUENCY CONVERTER



HARSH ENVIRONMENT FREQUENCY CONVERTER

50, 60 or 400 Hz.

Three Phase 10 kVA - 125 kVA

Made In The USA 

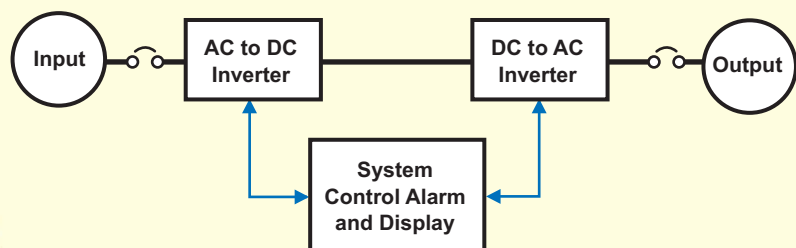
Defends your environment against unwanted frequency fluctuations and electrical changes by providing:

- DSPM Watchdog software always on guard.
- Display monitor keeps you in control 24/7.
- Dependable DSP/PWM technology for unsurpassed reliability.
- Economical for the lowest overall cost for your frequency conversion, with an Energy Star Rating.
- Self-diagnostics for a safe and secure frequency environment.
- Sine wave output for linear loads.
- ECM module is a patented technology used by DSPM.
- Solutions for multiple applications such as: factories, military, airports and more!
- 5 Year power train warranty.
- Meets federal, state and local codes: NFPA 101, NFPA 70, NEC and OSHA.
- Built to UL 1778.
- Complies with the Buy American Act.



 **DSPM** INC.
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*Standard Power Levels.....10.0, 12.0, 16.0, 20.0, 24.0, 30.0,
40.0, 50.0, 60.0, 80.0, 100.0 and 125.0 kVA
 *Input Voltage208, 380, 400, 415, 220, 380 or 480 VAC
 *Input Voltage Range.....+10%, -15%
 *Output Voltage.....208VY, 380VY, 400VY, 415VYRU99RU
208Y/120, 380Y/220, 400Y/230, 415Y/240, 220Y/127 or 480/277 VAC
 *Output Voltage Regulation.....±3% for all loads
 *Output Frequency.....60 Hz ±1%, 50Hz ±1% or 400 Hz ±1%
 Output Wave Form.....Sine-wave <5% @ 100% linear load
 Crest Factor.....2.5:1 typical
 Input Protection.....Input Main Circuit Breaker
 Output Protection.....Output Main Circuit Breaker
 Surge Protection.....The unit will protect itself and the load
against surges as defined in
ANSI/IEEE C62.45 category A and B

EfficiencyDWOLQH DUORDG
 Overall Efficiency.....93%
 Audible Noise.....<45dB measured on Response Curve "A"
 Operating Temperature.....-20° to 60°C (-4° to 140°F)
 Storage Temperature.....-20° to 60°C (-4° to 140°F)
 Humidity.....5 - 95%, Non-condensing
 Overload.....<100% Continuous, 110-125% 15 Minutes,
125-150% 10 Minutes, >150% 1 Minute
 Cabinet.....NEMA 4X or 12

*Consult factory for others.

Specifications subject to change without notice.

Frequency Converter Series	Power Rating	Cabinet Dimensions			Weight
		W	H	D	
FCH (Consult factory for others)	kVA	W	H	D	(lbs)
	10	58"	72.8"	36"	1410
	12	58"	72.8"	36"	1510
	16	58"	72.8"	36"	1610
	20	58"	72.8"	36"	1710
	24	58"	72.8"	36"	1810
	30	58"	72.8"	36"	1910
	40	58"	72.8"	36"	2010
	50	58"	72.8"	36"	2360
	60	58"	72.8"	36"	Consult Factory
	80	58"	72.8"	36"	Consult Factory
	100	58"	72.8"	36"	Consult Factory
125	58"	72.8"	36"	Consult Factory	

Options:

- ECM - Environmental Control Module
- OCB - Output Circuit Breaker(s)
- SRB - Seismic-Rated Bracket
- STU3 - Onsite Startup
- HTR - Heater
- EW - Extended Warranty
- HZ - 50, 60, 400



Represented by:

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