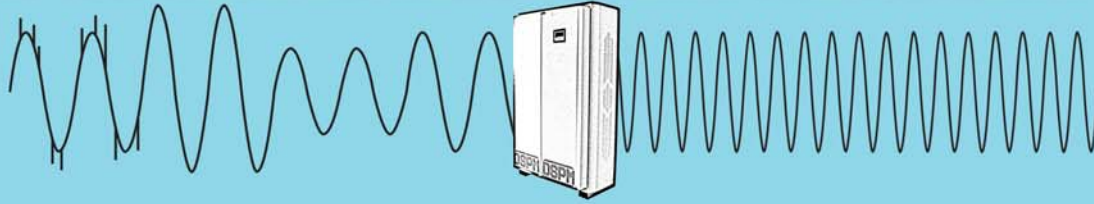


FREQUENCY CONVERTER



INDOOR FREQUENCY CONVERTER

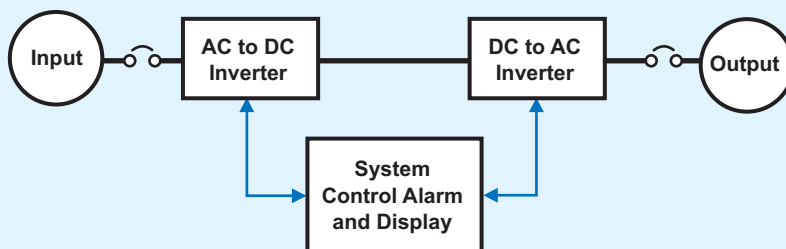
50, 60 or 400 Hz.

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.
DIGITAL SIGNAL POWER MANUFACTURER
www.DSPManufacturing.com

Email: info@DSPManufacturing.com
1921 S. Quaker Ridge Place
Ontario, CA 91761
Ph: 1.877.DSPM POWER
1.877.377.6769
Fax: 909.930.3335

*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

Efficiency.....93%

Overall Efficiency.....93%

Audible Noise.....<45dB measured on Response Curve "A"

Operating Temperature.....0° to 40°C (32° to 104°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

*Consult factory for others.

Specifications subject to change without notice.

Frequency Converter Series	Power Rating	Cabinet Dimensions			Weight (lbs)
		W	H	D	
FC3 (Consult factory for others)	kVA	W	H	D	(lbs)
	10	42"	71"	22.5"	1100
	12	42"	71"	22.5"	1200
	16	42"	71"	22.5"	1300
	20	42"	71"	22.5"	1400
	24	42"	71"	22.5"	1500
	30	42"	71"	22.5"	1600
	40	42"	71"	22.5"	1700
	50	50"	71"	32"	2050
	60	50"	71"	32"	Consult Factory
	80	50"	71"	32"	Consult Factory
	100	50"	71"	32"	Consult Factory
125	50"	71"	32"	Consult Factory	

Options:

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



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