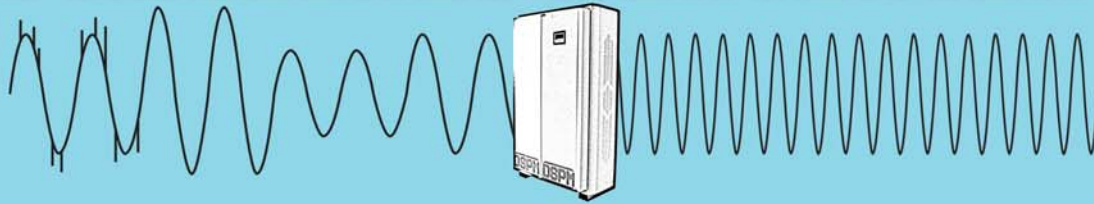


# FREQUENCY CONVERTER



## INDOOR FREQUENCY CONVERTER

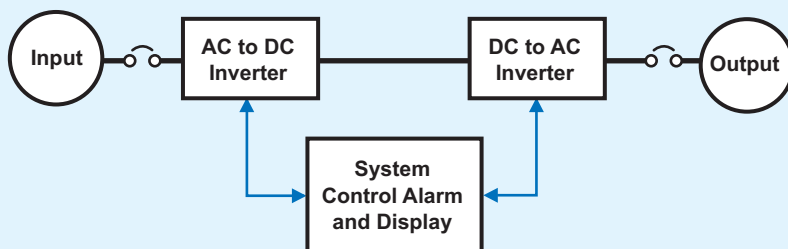
50, 60 or 400 Hz.

## Three Phase 10 kVA - 125 kVA

Made In The USA 

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

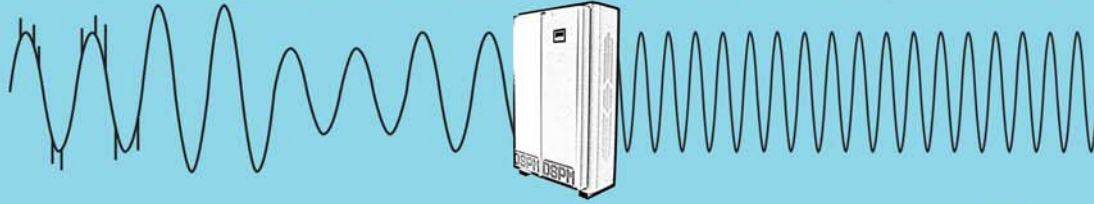
- DSPM Watchdog software always on guard.
- Display monitor keeps you in control 24/7.
- Dependable DSP/PWM technology for unsurpassed reliability.
- Economical for the lowest overall cost for your frequency conversion, with an Energy Star Rating.
- Self-diagnostics for a safe and secure frequency environment.
- Pure sine wave output for all types of 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.
- Complies with the Buy American Act.



 **DSPM** INC.  
DIGITAL SIGNAL POWER MANUFACTURER  
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1921 S. Quaker Ridge Place  
Ontario, CA 91761  
Ph: 1.877.DSPM POWER  
1.877.377.6769  
Fax: 909.930.3335

# FREQUENCY CONVERTER



- \*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 Voltage ..... 208, 380, 400, 415, 220, 380 or 480 VAC
- \*Input Voltage Range..... +10%, -15%
- \*Output Voltage..... 208VY, 380VY, 400VY, 415VY or 220VΔ, 480VΔ or  
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..... ≥92% at 100% linear load
- 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
		kVA	W	H	
FC3 <small>(Consult factory for others)</small>		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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Represented by: