

FREQUENCY CONVERTER



OUTDOOR FREQUENCY CONVERTER

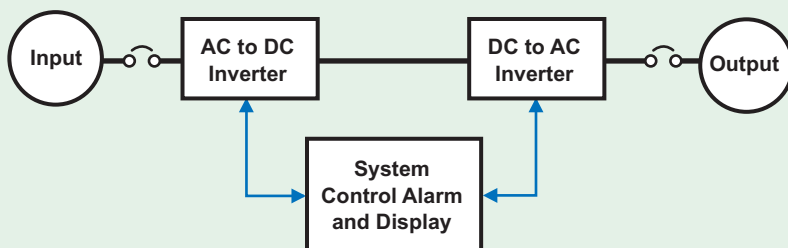
50, 60 or 400 Hz.

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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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 Voltage208, 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
- Cabinet.....NEMA 3R

*Consult factory for others.
Specifications subject to change without notice.



Frequency Converter Series	Power Rating	Cabinet Dimensions			Weight
		W	H	D	
FCOT (Consult factory for others)	kVA				(lbs)
	10	41"	72"	32"	1310
	12	41"	72"	32"	1410
	16	41"	72"	32"	1510
	20	41"	72"	32"	1610
	24	41"	72"	32"	1710
	30	41"	72"	32"	1810
	40	41"	72"	32"	1910
	50	41"	72"	32"	2260
	60	41"	72"	32"	Consult Factory
	80	41"	72"	32"	Consult Factory
	100	41"	72"	32"	Consult Factory
125	41"	72"	32"	Consult Factory	

Options:

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



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Represented by: