

3RD RAIL INVERTER

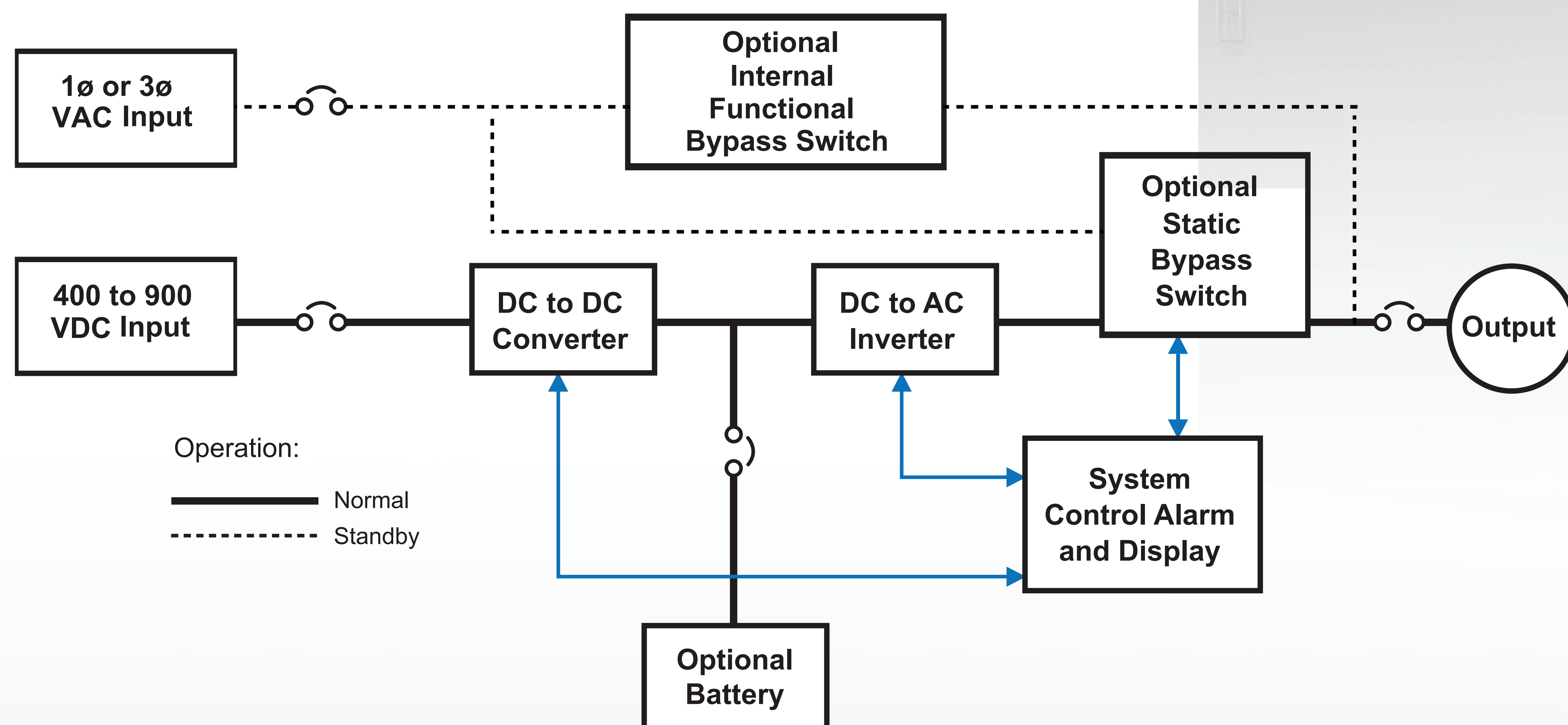
600 VDC INPUT

SINGLE OR THREE PHASE 8KVA - 32KVA


MADE IN THE USA 

FIELD TESTED BY THE CHICAGO TRANSIT AUTHORITY

- 600 VDC 3rd Rail Inverter outdoor or indoor operation.
- Static bypass built in for utility bypassing.
- DSPM Watchdog software always on guard.
- Display monitor keeps you in control 24/7.
- Dependable DSP/PWM technology for unsurpassed reliability.
- Stainless steel.
- NEMA 4X Cabinet.
- 1Ø or 3Ø AC outputs.
- Self-diagnostics for a safe and secure environment.
- Pure sine wave output for all types of loads.
- Withstands 3000 Volt impulse without damage.
- Meets federal, state and local codes: NFPA 101, NFPA 70, NEC and OSHA.
- Complies with the Buy America Act.
- Model available 2000 VDC continuous operation.
- Optional battery



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- Standard Power Levels: 8, 16, 24, and 32
- Bypass Voltage AC: 120, 208, 240, 277, 480, 120/208Y, or 277/480VAC
- Bypass Voltage AC Range: +10%, -15%
- Input Voltage DC: 400VDC to 900VDC, 600VDC Nominal
- Output Voltage: 120, 208, 120/240, 277, 480, 120/208Y or 277/480YVAC
- Output Voltage Regulation: $\pm 3\%$ for all loads and battery discharge mode
- Output Wave Form: Sine-wave $< 3\%$ at 100% linear load
- Output Frequency: 50 or 60Hz
- Crest Factor: 2:5:1 typical
- Input Protection: Input Main Circuit Breaker
- Load Power Factor: .7 to Unity
- 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: $\geq 92\%$ at 100%
- Operating Temperature: -20° to 50°C (-4° to 122°F)
- Storage Temperature: -20° to 60°C (-4° to 140°F)
- Humidity: 5 -100%
- Cabinet: NEMA 4X
- Continuous operation at full load

Options:

ECM - Environmental Control Module
EPO - Emergency Power Off
OCB - Output Circuit Breaker
SNMP - SNMP Card
HTR - Heater
SBS - Static Bypass Switch
BAT - Battery 5 Minutes - 24 Hours

Model	Power Rating	Inverter			Weight
		Cabinet Dimensions			(combined)
		W	H	D	(lbs)
	8.0	41"	72"	32"	1880
	16.0	41"	72"	32"	2700
	24.0	41"	72"	32"	3600
	32.0	41"	72"	32"	4500

*Contact factory for battery cabinet dimensions

Represented By: