

## SPECIFICATIONS

*The DC to AC Converter maintains efficient AC Emergency Power to operate all types of loads, providing superior dependability and security to commercial/industrial environments in a small commercial/industrial environments in an outdoor environment*

### POWER RATING

- 8 KW - 32 KVA

### DC INPUT

- 350 to 900VDC, nominal 600VDC

### BYPASS VOLTAGES

- 120V, 208Y/120V, 240V, 480Y/277V, 120/240VAC

### OUTPUT VOLTAGES

- 120V, 240V, 277V, 480V, 120/240, 120/208, 277/480 or 277/480VAC  
92% efficient at 100% linear load

### CODES

- Meets NFPA 101, NFPA 70, NEC and OSHA standards
- Cities of Chicago and New York approved
- Complies with the Buy American Act

### PROTECTION

- Provides overload, surge and undercurrent protection using DSP/PWM technology and DSPM *Watchdog Software* to protect system performance and reliability
- Surge protection against load surges as defined in ANSI/IEEE C62.45 category A and B

Catalog Number	
Project	Notes
Signature	Date

**8 KW - 32 KVA  
600VDC Input**

**Single or  
Three Phase  
AC Voltage  
Output**



### DIAGNOSTICS AND MAINTENANCE

- DSP/PWM technology and DSPM *Watchdog Software* provides complete self diagnostic capabilities and LED Monitoring
- Informative advanced Display and Alarms keep you in control of your emergency lighting environment 24/7

### NEMA 3R or NEMA 4 CABINET

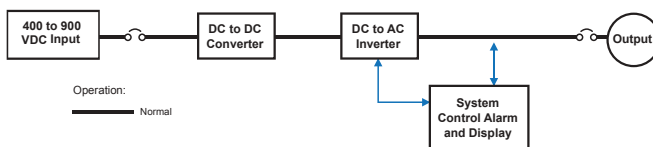
- Modular design enables flexible installation

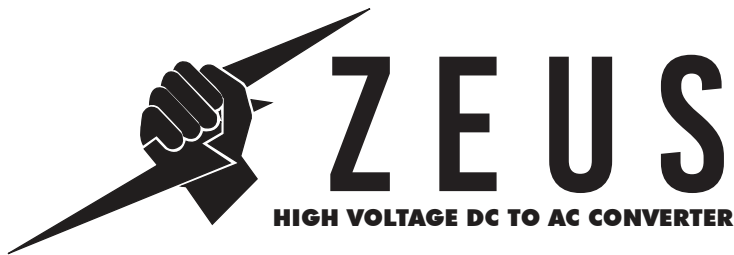
### INSTALLATION

- Modular design and small footprint allow easy installation in an outdoor environment
- Phone assisted factory start-up standard for all systems
- Extended warranty available

### WARRANTY

- 1-Year full warranty on system electronics
- System 1-year on-site warranty labor with DSPM phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available





All systems VDC input nominal 600VDC

Model 3RR	Power Rating	Inverter			Weight (com- bined)	British Terminal Unit	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions								
	KVA/KW	W	H	D	(lbs)	BTU's	Bypass	Output	Input and output circuit breakers standard	NFPA 101 NFPA 70 NEC
	8.0	41"	72"	32"	1880	2500	<u>Select</u>	<u>Select</u>		
	16.0	41"	72"	32"	2700	5000	120, 240 277, 480 120/208Y, 208 or 277/480 VAC	120, 277, 480, 120/208Y, 208 or 277/480 VAC		
	24.0	41"	72"	32"	3600	7500				
	32.0	41"	72"	32"	4500	10000				

## ORDERING INFORMATION

Choose the bold face catalog nomenclature that best suites your needs.

Write them on the appropriate line. Order accessories as separate catalog number.

Description:

(3rd Rail, 8KVA, 600VDC/208/120Y, Output Circuit Breaker, 2 each, 20 Amp, 1 Pole)

(8KVA)		(600VDC-208Y/120)		(OCB 120/2/20)	
3RR					
FAMILY	POWER RATING	VOLTAGE <sup>1</sup>	OPTIONS		
	<u>KW</u>	<u>Input/Output</u>	ECM120 - 120V Environmental control module <sup>2</sup> /qty		
	8.0	600VDC/208Y/120VAC	ECM277 - 277V Environmental control module <sup>2</sup> /qty		
	16.0	600VDC/480Y/277VAC	OCB - Output circuit breakers / voltage / quantity/amps		
	24.0	600VDC/208Y/120VAC	EPO - Emergency power off		
	32.0	600VDC/480Y/277VAC	SNMP - SNMP Card		
		600VDC/120VAC	HTR - Heater		
		600VDC/277VAC	BATTERIES - 5 Minutes - 24 Hours (Consult Factory)		
		600VDC/480VAC	SBS - Static Bypass Switch		
		600VDC/120/240VAC			

## NOTES:

1-Consult factory for other voltage requirements.  
May effect the weight, size and number of cabinets.

2-One ECM is used per switching device or circuit.

3-Consult factory for other run times.

Specifications subject to change without notice.



439 S. Stoddard Avenue  
San Bernardino, CA 92401  
Ph: 1.877.DSPM POWER  
1.877.377.6769  
Fax: 909.930.3335