

## DESCRIPTION

*The Piranha provides the ultimate in power conditioning Voltage regulation and is designed to be fully field supported. The Piranha comes standard with a manual bypass switch That enables the unit to operate keeping you on-line when you Need it most!*

### \*POWER RATING

- 10 kVA - 250 kVA three phase output unit uses the latest technology to provide the most advanced performance and reliability features

### \*INPUT

- 208, 240 or 480 VAC
- Regulation Range of +10%, -15%
- 0.95 Power Factor

### \*OUTPUT

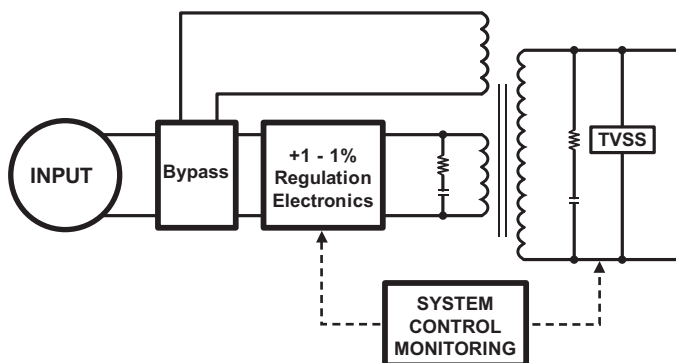
- 120/240, 208Y/120 or 480Y/277 VAC output 60 Hz
- Voltage regulation  $\pm 1\%$  typical,  $\pm 2\%$  max

### LOADS

- Offers a Subcycle Voltage correction
- Maintains a "Peak to RMS" ratio  $\geq 3$  to 1

### CODES

- Listed to UL standard 1950
- Complies with the Buy American Act



\*Consult factory for others.

083-0032-01 Rev. A

Catalog Number	
Project	Notes
Signature	Date

**10 kVA - 250 kVA**

**Three Phase**

**Harsh Environment Power Conditioning/ Voltage Regulator**



### 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

### 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 4X or 12 CABINET

- Modular design enables flexible installation
- Forced air cooling for maximum reliability
- All systems are self contained

### INSTALLATION

- Modular design and small footprint allow easy installation in electrical closet or other convenient locations
- Phone assisted factory start-up standard for all systems
- Extended warranty available

### RELIABILITY

- MTBF greater than 200,000 hours in worst case conditions
- MTTR of less than 2 hours
- The front access control panel makes it easy to maintain and ensures maximum up time

### 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



Piranha Harsh Series	Power Rating	Cabinet Dimensions			Weight	BTU's	Voltage (VAC)	
		W	H	D			(lbs)	Input
PRH3	kVA							
	10	41"	72"	32"	550	2060		
	20	41"	72"	32"	600	3075	<u>Select</u>	<u>Select</u>
	30	41"	72"	32"	650	4090	208,	120/240,
	50	41"	72"	32"	850	7447	240	280Y/120
	75	41"	72"	32"	1100	10800	or	or
	100	41"	72"	32"	1350	13790	480	480Y/277
	125	41"	72"	32"	1513	17195	VAC	VAC
	150	41"	72"	32"	1675	20600		
250	50.5"	66"	32"	2550	33400			

The *Piranha* offers exceptional reliability with a **Mean Time Between Failure** greater than **200,000 hours** in worst case conditions and **Mean Time To Repair** of less than 2 hours. The front access control makes it easy to maintain and ensures maximum up time.

The *Piranha* from **DSPM** "Takes a Bite Out of Power Problems".

## ORDERING INFORMATION

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

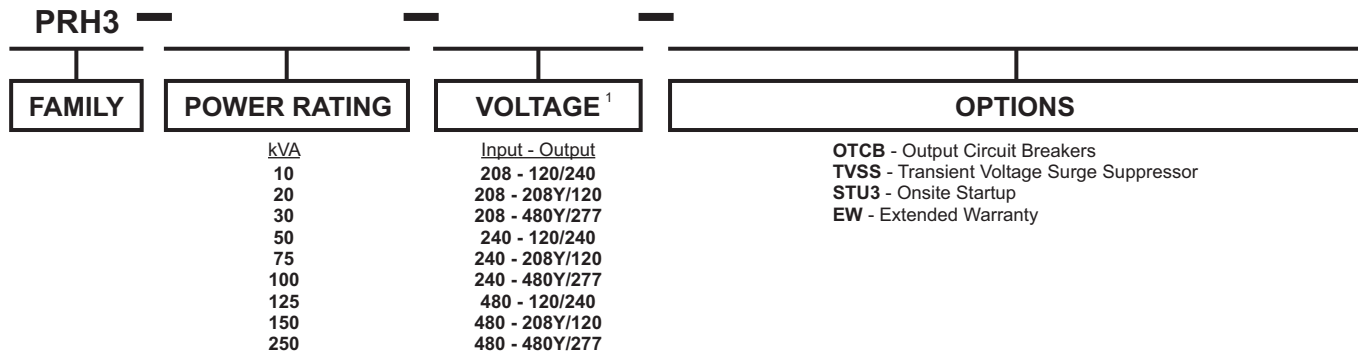
Write them on the appropriate line. Order accessories as separate catalog number.

Example:

**PRH3 - 30 - 240 208Y/120 - TVSS EW**

Description of example:

(30 kVA, 240 Voltage In, 208Y/120 Voltage Out, Transient Voltage Surge Suppressor, Extended Warranty)



### NOTES:

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

Specifications subject to change without notice.



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