



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

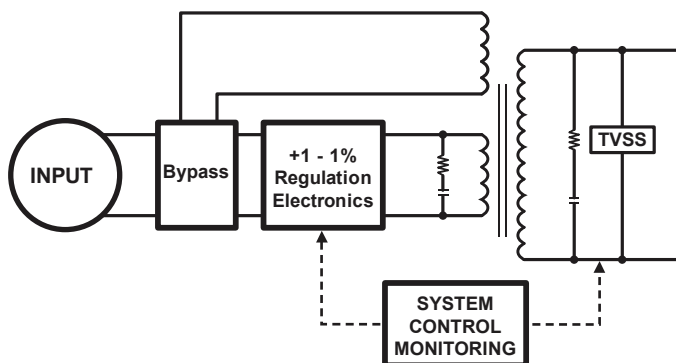
- 120/240, 208Y/120 or 480Y/277 VAC output 60 Hz
- Voltage regulation $\pm 1\%$ typical, $\pm 2\%$ max

LOADS

- Offers a Subcycle Voltage correction
- Maintains a "Peak to RMS" ratio ≥ 3 to 1

CODES

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



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 (lbs)	BTU's	Voltage (VAC)	
		W	H	D			Input	Output
PRH	kVA							
	10	72"	72"	36"	550	2060		
	20	72"	72"	36"	600	3075	<u>Select</u>	<u>Select</u>
	30	72"	72"	36"	650	4090	208,	120/240,
	50	72"	72"	36"	850	7447	240	280Y/120
	75	72"	72"	36"	1100	10800	or	or
	100	72"	72"	36"	1350	13790	480	480Y/277
	125	Consult Factory				17195	VAC	VAC
	150	Consult Factory				20600		
	250	Consult Factory				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:

PRH - Three - 30 - 240 208Y/120 - TVSS EW

Description of example:

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

PRH				
FAMILY	PHASE	POWER RATING	VOLTAGE ¹	OPTIONS
	Three	kVA 10 20 30 50 75 100 125 150 250	Input - Output 208 - 208Y/120 208 - 480Y/277 480 - 208Y/120 480 - 480Y/277	OTCB - Output Circuit Breakers TVSS - Transient Voltage Surge Suppressor HTR - Heater HE - Heat Exchanger STU3 - Onsite Startup EW - 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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