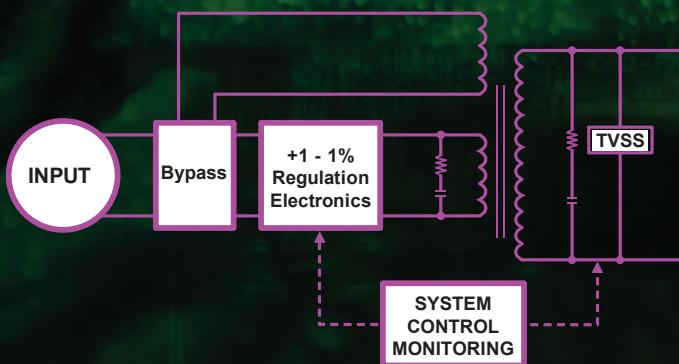


# OUTDOOR POWER CONDITIONING VOLTAGE REGULATOR

TAKE A BITE OUT OF POWER PROBLEMS  
THREE PHASE 10 - 250 KVA  
MADE IN THE USA

Defends your environment against unwanted power problems by providing:

- Display monitor keeps you in control 24/7.
- Dependable DSP/PWM technology for unsurpassed reliability
- Economical for the lowest overall cost for your light safety with an Energy Star Rating.
- High efficiency of >96%.
- A reliability of over 200,000 hours.
- Comes standard with a main input breaker
- Easy front access with key locks for added protection.
- With a proven non-linear load capability
- Regulation bypass switch that enables the unit.
- Input and output filters.
- 5 Year power train warranty
- Listed UL 1950



 **DSPM** INC.  
DIGITAL SIGNAL POWER MANUFACTURER  
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# OUTDOOR POWER CONDITIONER VOLTAGE REGULATOR

\*Standard Power Levels.....10, 20, 30, 50, 75, 100, 125, 150, 250 kVA

\*Input Voltage .....208, 240 or 480 VAC

\*Input Voltage Range.....+10%, -15%

Power Factor.....0.95

\*Frequency Range.....50, 60 or 400 Hz

\*Output Voltage.....120/240, 208Y/120 or 480Y/277 VAC

\*Output Voltage Regulation..... $\pm 1\%$  Typical,  $\pm 2\%$  Max

Response Time.....1 Cycle correction with standard regulation

Harmonic Distortion..... $<1\%$  Added

Common Mode.....-152 dB

Normal Mode.....-60 dB (0.1 Hz to 1 mHz)

Overload (Inrush).....200% of full load for 10 seconds

Transformer.....Shielded, isolation transformer or copper wound,  
buck-boost transformer

Efficiency..... $\geq 96\%$  at full loads; 98.5% at light loads

Load Power Factor.....0.3 Leading or lagging to unity

Audible Noise..... $<58$  dB measured on Response Curve "A"

Safety Agencies.....Listed to UL standard 1950

Operating Temperature..... $-20^{\circ}$  to  $50^{\circ}\text{C}$  ( $-4^{\circ}$  to  $122^{\circ}\text{F}$ )

Storage Temperature..... $-20^{\circ}$  to  $60^{\circ}\text{C}$  ( $-4^{\circ}$  to  $140^{\circ}\text{F}$ )

Humidity.....5 - 100%, Non-condensing

Cabinet.....NEMA 3R

\*Consult factory for others.

Specifications subject to change without notice.

Piranha Outdoor Series	Power Rating	Cabinet Dimensions			Weight	BTU's
POR3	kVA	W	H	D	(lbs)	
	10	41"	72"	32"	500	2060
	20	41"	72"	32"	550	3075
	30	41"	72"	32"	600	4090
	50	41"	72"	32"	800	7447
	75	41"	72"	32"	1000	10800
	100	41"	72"	32"	1250	13790
	125	41"	72"	32"	1413	17195
	150	41"	72"	32"	1525	20600
250	50.5"	66"	32"	2450	33400	

OTCB - Output Circuit Breakers  
TVSS - Transient Voltage Surge Suppressor  
STU3 - Onsite Startup  
EW - Extended Warranty



*Represented by:*

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