

# POWER SAVE FOR 3 PHASE ELECTRICAL SYSTEMS

<b>Commercial Unit Pricing:</b>	PS 3200 (200-amp system)	\$649.00 + S&H
	PS 3400 (400-amp system)	\$849.00 + S&H

<b>Commercial Unit Features:</b>	Electrical Noise Reduction
	Power Factor Optimization
	Voltage Regulation

<b>Commercial Unit Benefits:</b>	Reduces electricity required by existing inductive loads
	Enhances capacity of existing electrical system
	Eliminates danger of harmful power surges on appliances and sensitive electronic equipment
	Reduces harmful effects caused by electrical noise in the entire electrical system

## Commercial Unit Specifications:

- Three Phase
- Utilizes Self-Healing Low Loss Capacitors
- 20 Year Design Life
- Surge Suppression – 2000 Joules
- Typical Protection For: Electrical Storms, Lightning & Power Utility Spikes
- Let Through Voltage – 150V line-to-neutral
- Load Rating – 20A (this means it discharges up to 20 amps at a time)
- Six-Way Electrical Protection
- EMI / RFI Noise Reduction 0-40dB
- The PS-3200 is rated for a 200 amp inductive load
- The PS-3400 is rated for a 400 amp inductive load
- When installing the 3200 use a 30-amp three pole breaker
- When installing the 3400 use a 40-amp three pole breaker
- Either unit will work in a 208/480 environment
- THREE PHASE UNIT PS-3200 sizes fractional motors up to 75hp
- THREE PHASE UNIT PS-3400 sizes motors 75hp up to 300hp
- Units in NEMA 3 rated 7" X 7" X 8" enclosures

## **INSTALLATION OF PS-3200 / PS-3400 UNIT**

Both PS-3200 and PS-3400 units have 4 wires exiting the bottom through a "non-metallic connector" Both units can be installed as follows:

1. Using flex conduit and connector feed the 4 wires (3 red and 1 green) to the panel and connect the 3 red wires to a breaker and the green wire to the ground bar
2. Using a fused (or non-fused) disconnect box interface PS-3200 / PS-3400 Power Save unit into electrical system

When installing the PS-3200 use a 30-amp three-pole breaker

When installing the PS-3400 use a 40-amp three-pole breaker

In either method of installation, both units, **make certain the power is off** until the unit is installed completely, then turn power on (throw the breaker on, or engage the disconnect box) and check to make certain the light is on. If the light is not on check the breaker and disconnect box, check for secure connections.

Either unit will work in a 208/480 environment

**For technical / installation support call 1-800-955-2238**

**WARNING: HAVE YOUR PS-3200 / PS-3400 INSTALLED BY A LICENSED ELECTRICIAN OR ELECTRICAL CONTRACTOR ONLY! INSTALLING ELECTRICAL EQUIPMENT MAY RESULT IN SHOCK, SERIOUS INJURY, OR EVEN DEATH.**