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Proven Applications:

- AC Motors
- EDM and Laser
- Water and Wastewater Treatment
- Oilfields and other industrial businesses
- Restaurants, Supermarkets, Convenience Stores and other light commercial buildings

Easy Installations:

- Simple, durable wall-mounted, installed in under an hour
- Connect in parallel to AC power systems
- Maintenance free, no moving parts
- For whole-facility protection, install at the main
- For point-of-use protection, install at subpanel upstream of equipment
- Use readily available industry standard circuit breaker or fuse disconnect, which may be purchased through ALCO customer service

[Standard Installation Guides](#)
[EDM-specific Installation Guide](#)
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UL 508 Industrial Control Panel
 NEMA 12 Enclosure
 U.S. Patent # 391,225



Industrial & Commercial Integrated Power Conditioners

Loaded with noise and irregularities, everyday power creates extra electrical demand and shortens the life of equipment - costing you money!

Powergy CPS conditions and optimizes the electrical requirements of noise generating systems like the AC motors and pumps, EDM, press brakes, HVAC, refrigerators and etc. It combines proven technologies in surge suppression and reactive power mitigation.

Powerful Benefits:

- Reduces machine downtime and increases productivity
- Prevents premature equipment replacement and maintenance costs
- Extends equipment life and performance
- Reduces demand and energy costs
- Protects the environment (reduces electrical generation demand thus reducing fuel usage, plant emissions and hazardous waste)
- Minimum investment

Specifications

Unit Model	CPS-1C240	CPS-3Y208/240	CPS-3D208/240	CPS-3D480	CPS-3D600
Voltage (Vac)	120/240	208/240	208/240	480	600
Phase Configurations	single Φ com.	3 Φ Wye	3 Φ Delta	3 Φ Delta	3 Φ Delta
Frequency (Hz)	50 ~ 60	50 ~ 60	50 ~ 60	50 ~ 60	50 ~ 60
Power Dissipation (J)	1270	3300	3300	5760	6600
Peak Pulse Current (A)	40K	40K	40K	40K	40K
Max. Clamping Voltage (V)	395/710	710	710	1500	1815
KVAR	2.7	8/10	8/10	30	48
Line Wires (AWG)	10	10	10	8	6
Circuit Breakers (A)	20	30/40	30/40	50	60
Dimensions (WxDxH)	10" x 8" x 6"	12" x 12" x 6"	12" x 12" x 6"	12" x 14" x 8"	12" x 14" x 8"
Weight (lbs)	17	28	28	40	50

Dimensions

(click on dimension to view it larger)

