

Computer-Grade Filtering Ensures Maximum System Uptime



DPC9000 Series ELECTRONIC POWER CONDITIONER

Need A Versatile Power Protection Device?

Today's economy is automation driven with the use of robust software and sophisticated office automation equipment becoming commonplace for both home and office environments. And as office automation budgets continually shrink, companies look for new and innovative ways to eliminate unnecessary cost.

However, many of these companies may not realize that older buildings and power grids were not designed to support the microprocessor systems commonly in use today. Silently in the background on electrical circuits can be power quality problems that affect the performance of today's electronic circuits and microprocessor's. These intermittent problems appear or manifest themselves as software or hardware problems when in reality they are power quality issues.

Failing to use necessary power protection equipment is an often overlooked yet costly mistake. Protecting your microprocessor based equipment is a necessary step to safeguard investment in equipment purchased, maintain or improve productivity, and ensure system reliability that will lead to greater return on investment.

Benefits of Power Protection:

- ▶ It reduces screen lockups and downtime due to power issues
- ▶ Protects computers systems against the most severe spikes and surges
- ▶ Protects Telephone/Modem/Network
- ▶ 9 Receptacles assure ULTIMATE PROTECTION for your complete system
- ▶ ALWAYS ON receptacle for clock or fax machine
- ▶ Lifetime product warranty

If the Smart Power Systems equipment fails and this failure allows a surge to pass through and damage the connected equipment, Smart Power Systems will pay for the repair or replacement of the connected equipment up to \$25,000.



About the DPC9000 Series

The DPC 9000 series offer flexibility and high performance. This power conditioner comes standard with 9 receptacles to ensure comprehensive power protection for your home or office equipment. This includes an always on receptacle that is ideal for clocks or fax machines that need power protection. The DPC 9000 series is ideal for virtually any application that needs power protection.

Transformer Based Filters (TBF™)

Smart Power System' patented TBF™ technology is the application of the differential transformer to power quality products. The differential transformer provides noise rejection equal to an isolation transformer with a much smaller footprint. This engineering accomplishment enabled scaling and the noise rejection desired for a wide range of amperage and voltage applications.

Voltage spikes are one of the main causes of system failures and cause thousands of service calls annually on all types of electronic systems. Service calls that are avoidable. Smart Power Systems' TBF™ technology delivers unequalled performance for protection against minor and severe spikes and surges that comprise over 80% of power problems. Our DPC9000 products are rated 15 amps and protect systems requiring 120 volts.

Benefits

Smart Power Systems' TBF™ technology eliminates power issues that cause Disruption, Degradation and Destruction to electronic components. Benefits include enhanced operation, reduced downtime and extended operating life.

Performance Factors

- ▶ Common Mode Noise Filtering
- ▶ Normal Mode Noise Filtering
- ▶ Filters the ground noises to less than 0.5 Volts
- ▶ Faulty Wiring Detection
- ▶ Surge Protection
- ▶ Prolonged Over Voltage Protection
- ▶ Correct Harmonic Distortions (Model Dependent)

Specifications

	DPC9000
INPUT/OUTPUT	120V
OUTPUT CURRENT	15 Amps
OUTPUT RECEPTACLE	(9) 5-15R
MODEM/NETWORK PROTECTION	RJ11/RJ45
SIZE (H x W x D) (In.)	2X4.5X13.37
NET WEIGHT (Lbs. / Kg.)	2.92 / 1.32
TRANSIENT LET THROUGH VOLTAGE (Common Mode)	<0.5 Volt
TRANSIENT LET THROUGH VOLTAGE (Normal Mode)	<10 Volts

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Extra Industrial Withstand Test - The unit is tested with ANSI / IEEE C62.41 Cat. B2-6000V / 3000A (Impulse 8 by 20 micro second)



Listed UL 1449 / UL 991
TVSS Rating All modes less than 330V

1-561-245-7823



5 LEVELS OF POWER PROTECTION

- 1** High Voltage Surge & Lightning Protection
(US Patent # 6229682)
Stops dangerous surges from damaging computer systems, fax machines and printers.
- 2** Low Voltage Spike & Noise Protection in Common Mode (US Patent # 6229682)
Filters down to 0.5 Volts and stops disruptions of electronics
- 3** "POVP™" Prolonged Over Voltage Protection
(US Patent # 6560086)
Protects connected equipment against destructive over voltage.
- 4** Identifies Bad Wiring (US Patent # 5721661)
Exclusive Smart Technology protects connected equipment against reverse polarity or no ground, making the Computer Guardian Fail-Safe.
- 5** Network RJ45 Protection