JUICE GOOSE™

RX10-SCS

FILTERCORD™

Hybrid AC Filter Technology

Improve performance of HD monitors and projectors while protecting your valuable investment. When high frequency interference reaches your HD image through the power cord, image quality is lost along with much of the reason for going HD in the first place. At the same time, dangerous high energy events you may or may not notice can shorten the life of your video machine.

The Juice Goose RX10-SCS has a 5-15R NEMA receptacle to plug into your component's existing power cord. The 3 foot long power source cable is fit with a convenient right angle plug to lie flat against a wall. This design allows for better filter module placement and connection with hard to reach AC outlets. Using an IEC adapter, the RX10-SCS can be connected directly to a component – replacing the existing removeable power cord.

The RX10-SCS provides ultra clean power and protection against AC line surges and spikes as well as in-wall wiring faults. Hybrid Filter Technology reduces high frequency noise and high energy surges both on normal (line – neutral) and common (neutral – ground) mode paths.

Compare the RX Series performance to any other power conditioning device. Compare our high levels of line noise filtration and extremely low surge let through levels. In particular, compare performance on hot, neutral and ground paths. Now compare our price.

The Hybrid Filter design in the RX10-SCS includes a differential transformer, lots of filtering capacitance and control circuitry providing protection from dangerous surges, high frequency interference, building wiring faults and over voltage. RX technology delivers performance enhancement and protection comparable to an isolation transformer – but at a fraction of the price and in a fraction of the space.

This Juice Goose power protection technology is particularly valuable because it works against common mode as well as normal mode events. While common mode surges and disturbances don't typically cause catastrophic damage, they can result in operating failures and improper performance of digital processing equipment. Compared with the low operating voltage of processor logic, a power anomaly of even 1 or 2 volts on data lines or logic ground can cause problems. That's why the RX10-SCS is designed to have a voltage surge let through of only 1/2 volt between neutral and ground.

The Hybrid Filter also protects against more dramatic events. Connected equipment is safe from surges up to 6,000 volts at 3,000 amps on hot, neutral and ground.

Compare all the advantages of the Juice Goose Hybrid Filter Technology: performance, features and price. The RX10-SCS does a lot more for a lot less.

HOW RX SERIES TECHNOLOGY WORKS

RX10-SCS	PERFORMANCE
TRANSIENT ENERGY ABSORPTION (JOULES)	1020
MAXIMUM APPLIED SURGE CURRENT (AMPS)	3000
MAXIMUM APPLIED SURGE PULSE VOLTAGE	6000
LET THROUGH SURGE VOLTAGE (VOLTS)	
N-G	0.5
L-N	10
COMMON MODE (N - G) INTERFERENCE FILTER (dB)	
300kHz	77
1 MHz	80
10MHz	80
30MHz	80
NORMAL MODE (L-N) INTERFERENCE FILTER (dB)	
300kHz	56
1 MHz	60
10MHz	60
30MHz	60
VOLTAGE	120VAC, 60 Hz
MAXIMUM CURRENT LOAD	10 AMPS
	PHYSICAL
POWER CORD LENGTH	3 FEET
WEIGHT	3 LBS
POWER CONNECTIONS	
PLUG	NEMA 5-15P
RECEPTACLE	NEMA 5-15R One

Juice Goose RX Series products use a patented Hybrid Filter Technology to clean up both normal mode (between line and neutral) and common mode (between neutral and ground) noise without contaminating the ground line. Many popular power conditioners are less effective on normal mode and provide little or no protection from common mode interference. “Series mode” protection circuits are not designed to protect against common mode disturbances on the ground line.

The Hybrid Filter Technology includes components that act as a low pass filter which reduces high frequency interference. Other components absorb or divert high speed, high energy normal and common mode surges that can cause immediate or eventual damage to electronic components. Energy impulses as great as 6,000 volts are reduced to no more than 10 volts between hot and neutral and only 0.5 volts between neutral and ground.

The RX Series filter circuit also protects against structural wiring problems. Relays in the RX10-SCS prevent operation in conditions of incorrect hot, neutral or ground wiring connection or in the event of dangerously high voltage.

If this unit is plugged into an outlet that is not properly wired - if hot, neutral and ground are not properly connected - power will not pass to the receptacles and a light on the front of the unit will indicate a wiring fault. Therefore, a functioning ground connection is required to operate the RX10-SCS. This same safety measure functions when incoming voltage exceeds 150 volts. In this over voltage situation the unit will not pass power to connected equipment.

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For more information
Call 713.772.1404 or go to www.juicegoose.com