

901 series

noise cut transformers

PRODUCT DESCRIPTION

West Coast Magnetics' noise cut transformer is designed to supply ultra clean 60 Hz power for your most demanding noise cut applications. This highly reliable product has been designed to meet the most stringent noise elimination requirements. The unit features a built in Emergency Machine Off (EMO) control circuit for machine safety interlocks. This proprietary circuit also features on/off state memory for power drop out immunity up to one second. The transformer is rack mounted with user specified input and output cable lengths. West Coast Magnetics can modify this product to meet power requirements up to 5 kVA, to meet other input/output voltages and to operate at 50 Hz.

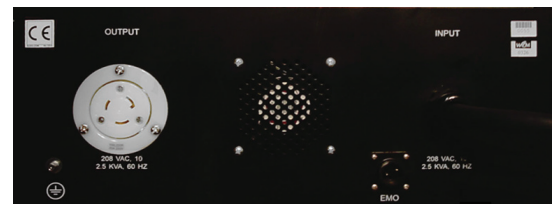
FEATURES - BENEFITS

Rack mount chassis – On/Off contactor with EMO – Main breaker with Lock Out Tag Out (LOTO) – Side to back forced air cooling – Accessories – Custom design available



DESIGN CONSTANTS

Temperature Range	0° C to 100° C
Power	2.5 kVA
Input Voltage	208/220 VAC single or 2 phase
Output Voltage	208/220 VAC single or 2 phase
Frequency	60 Hz
Case Size	18" x 17" x 7" (L x W x H)
Full Clearance	20" x 17" x 7" (L x W x H)
Weight	76 LB.
Input Cable	6 m length, 10/3 SOOW, pigtail end
Output Connector	L6-20R (20A, 25V, female twist lock)

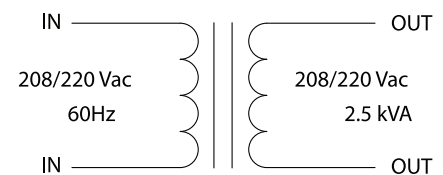


Meets or exceeds the following noise elimination specifications:

Frequency (MHz)	Normal & Common Mode (dB)
1.0	-80
10.0	-55
100.0	-45
1000.0	-40

Note: All materials of construction minimum Class B 130° C rated.

WCM 901
SCHEMATIC



50Hz option available upon request.
Vin and Vout can be modified upon request