INPUT HARMONIC ATTENUATOR MODULE

Features

- **Unity power factory**
- Safety agency approvals: UL478, 544, 1950; CSA22.2 No. 234; EN60950
- Meets EN61000-3-2 for line current harmonic content
- Universal input: 85-264VAC: 50/60Hz
- Input surge current limiting
- 90-94% efficiency (typical)
- UL, CSA, TUV, CE, C-Tick



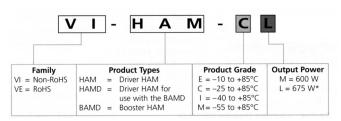
Specifications INPUT		
Input voltage	85–264VAC	
Frequency (400Hz optional) 47Hz–63Hz	
Power factor	0.99	
Harmonic distortion	<8.5%	
Inrush current (240VAC)	20A	
NOTE All VI-HAM versions must be preceded by three transorbs in series directly		

across the input. Also use 1	OA 3AG fast blow fuse ahead of line filter.
OUTPUT	
Output power	600/675W
Output ripple (pk-pk)	7mV pk-pk
Holdup capacitance	420–3000μF
Short circuit protection	Yes
MECHANICAL	
Dimensions	117x61x12.7mm
OPERATING	
Efficiency	90%–94%
Isolation	Input – Output: ZeroInput – Baseplate – Output: 2500V rms
Baseplate operating temperature	85°C
Thermal shutdown	90°C to 100°C

Typical Application VI-HAM

STANDARDS AND APPROVALS			
Power factor correction	EN60555		
Safety	UL1283, CSA C22.2 No.8, TÜV, VDE0560		
EMI	The Ham required an external filter P/N07818 to meet IEC801-5 Level 3, EN55022 Level A, AS/N25 2064 class A		
C-Tick	AS/NZS CISPR11 Group 1 Class A		

Part Numbering



If power requirements exceed one HAM, use a HAMD and one or more BAMDs, with an external bridge rectifer. HAM, HAMD, and BAMD modules require three surge suppressors in series directly across the input. These surge suppressors are already contained in the EMI filter P/N 30205. Also use a 10A, 3AG fast-blow fuse ahead of the line filter.

Compatible with V375 series.

PRODUCT GRADE	BASEPLATE OPERATING TEMP	STORAGE TEMPERATURE	TYPICAL SAMPLE
E-Grade	-10°C to +85°C	-20°C to +100°C	VI-HAM-EM
C-Grade	-20°C to +85°C	-40°C to +100°C	VI-HAM-CM
I-Grade	-40°C to +85°C	-55°C to +100°C	VI-HAM-IM
M-Grade	-55°C to +85°C	-65°C to +100°C	VI-HAM-MM

