



Transient Tracking Powerline Filter Three Phase - HW3-Series 1250 Amps ~ 4000 Amps (Metal Enclosure)			
Specification		3Ø Filter	
<b>Power ratings:</b> AC voltage ratings Optional Voltages and 3 or 4 wire connection		3Ø 4 wire (Star) 3Ø 4 wire (Delta) Frequency Power System	110/200, 240/415 and 275/480 200, 415, 480 50 or 60 Hz TT, TN-S, TN-C, TN-C-S(MEN)
<b>Rated AC Current:</b> Optional ratings Filter Overload (non-overload protection) Current Crest Factor Overload/Short Circuit Protection Optional Protectionmethod		Load Current  Current Overload Non-linear Current HW3-xxx only HW3-xxxC	1250, 1500, 2000, 3000, 4000  150% for 1 minute 5:1 Peak/RMS No protection Device 3 x HRC Fuse 100% rated or 3 Pole C/Breaker 100% rated
<b>Filter Design:</b> Bandwidth Inductor Design Capacitor Type (400VAC connected L~N)		Low Pass 150% Rated 400VAC X2	Surge / Transient / Noise Non-Saturated Core Tested Din Standards 40040
<b>Surge Diverter Module:</b> Primary Surge Diverters ratings Surge Waveform KA(8/20µs)  Secondary Surge Diverters Ratings Surge Waveform KA(8/20µs)  Modes of Protection** Primary and Secondary Surge Diverters (**See SDM Brochure) Maximum Continuous Operation Voltage Multipulse Capability Surge Performance (8/20µs)		Standard Optional Special Build Operating Time  Standard Optional Operating Time  Standard Optional RMS AC Voltage  SDM 140K SDM xxx-K	80KA per mode** 100, 140, 160, 220KA per mode** 200KA and 300KA < 1ns  40KA per mode** 80KA < 1ns  L1~N, L2~N, L3~N and N~E L1~L2, L2~L3, L3~L1, or L1~E, L2~E, L3~E 500VAC Yes Cat B (3KA) - 500V, Cat C (3KA) - 800V See SDM Brochure
Alarms Breakdown Isolation Indication Panel		Relay Contacts Isolation Voltage LED Indication	N.O. 5Amp.240VAC Rated 4KV Power and Surge Diverter Status (On = OK, Off = Fault)
International Standards (Surge Testing)		ANSI/IEEE C62.41-1991, AS/NZS 1768-1991, BS6651:1992 Above (CatA, CatB, CatC), IEC 801-5 Install. Class 5	
Physical  Enclosure Mounting Cable Termination		Temperature Range Environmental rating Metal Enclosure Finish Colour Heat Loss Rear screw under cover Screw Connection Cable Entrance	-10 to 80 °C, 0~90% humidity Ip66 Dip Coat Primed & Powder Coated RAL 7032 < 30watts 4x8 Ø bolt or external feet option Flexible cable Bottom Gland plate
Model	Weight	Terminals	Dimensions (Height x Width x Depth)
HW3-1250 xxx-M-xxx	500kg	Copper Lug 4x12mm Ø Bolt	2000mm x 1200mm x 800mm
HW3-1500 xxx-M-xxx	600kg	Copper Lug 4x12mm Ø Bolt	2000mm x 1200mm x 800mm
HW3-2000 xxx-M-xxx	1000kg	Copper Lug 4x12mm Ø Bolt	2000mm x 2400mm x 800mm
HW3-2500 xxx-M-xxx	1100kg	Copper Lug 4x12mm Ø Bolt	2000mm x 2400mm x 800mm
HW3-3000 xxx-M-xxx	1500kg	Copper Lug 4x12mm Ø Bolt	2000mm x 3600mm x 800mm
HW3-4000 xxx-M-xxx	2000kg	Copper Lug 4x12mm Ø Bolt	2000mm x 4800mm x 800mm

All specifications subject to change without notice.

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- BRISBANE PH: 07-3847 6266  
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FAX: 03-9328 1525

Precision Power Dalton Centre, Unit 1, 1 Newspaper Place  
Pty. Ltd. Maroochydore, QLD 4558 Australia.  
ACN 010 416 243 TEL: +61-7-5451 0435 FAX: +61-7-5451 0461  
Email Address: [precision\\_power@bigpond.com.au](mailto:precision_power@bigpond.com.au)  
Website: [www.precisionpower.com.au](http://www.precisionpower.com.au)

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