



POWERHOUSE DISTRIBUTIONS

P.O Box 2100, Bedfordview, 2008, South Africa
 Tel : +27 11 346 1812 Fax :+27 11 346 1818
 e-mail : info@phdpowerhouse.co.za
 Website : www.phdpowerhouse.co.za

Power Conditioner - High Current

DESCRIPTION:

The single or three phase POWER CONDITIONER – HIGH CURRENT units combine both surge / transient suppression and EMI / RFI filtration and come standard with circuit breakers. The unit is supplied in a wall mountable housing with a hinged locable door. These modular units are fully serviceable and are available with either 40kA or 100kA suppression modules on the primary side. These units are ideal for protection of high cost hospital equipment i.e. CAT / MRI scanners, computer rooms etc.

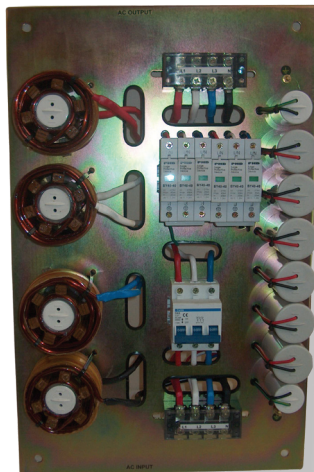
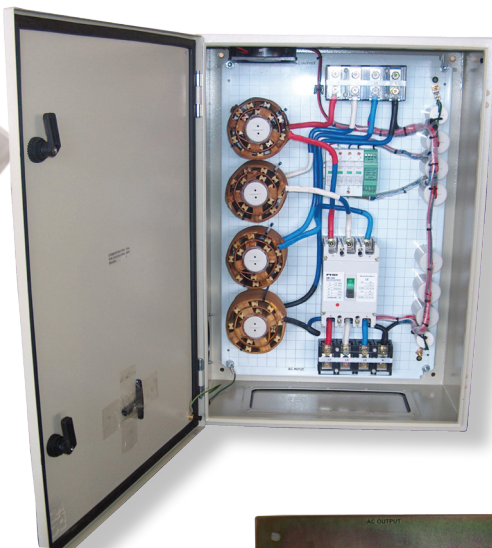
SPECIFICATIONS:

Normal Conditions

Voltage Rating (Max.)	: 250V/400V RMS
Current Rating (Max.)	: 60A/90A/120A/150A/200A/300A & 400A
Earth Leakage Current	: <2mA
Capacitance	: 2700pF/8100pF

Transient/Surge Conditions

Voltage Withstand @ 1.2/50uS (Max.)	: >10kV
Current Withstand @ 8/20uS (Max.) - Primary – common mode	: >40kA or 100kA
Current Withstand @ 8/20uS (Max.) - Secondary – differential mode	: >6.5kA
Power Rating per wire (Max.)	: 550J/1320J
Noise Attenuation	: ±60dB
Clamping Voltage	: 710V



Models		Housing	H x W x D (mm)
PCH/P1/60	60A Single Phase unit with 40kA suppression on the primary side	MP532	400 x 300 x 200
PCH/P3/60	60A Three Phase unit with 40kA suppression on the primary side	MP533	600 x 400 x 260
PCH/P1/90	90A Single Phase unit with 40kA suppression on the primary side	MP533	600 x 400 x 260
PCH/P3/90	90A Three Phase unit with 40kA suppression on the primary side	MP534	600 x 400 x 260
PCH/P1/120	120A Single Phase unit with 40kA suppression on the primary side	MP533	600 x 400 x 260
PCH/P3/120	120A Three Phase unit with 40kA suppression on the primary side	MP534	700 x 500 x 260
PCH/P3/150	150A Three Phase unit with 40kA suppression on the primary side	MP534	700 x 500 x 260
PCH/P3/200	200A Three Phase unit with 40kA suppression on the primary side	MP534	1200 x 800 x 320
PCH/P3/300	300A Three Phase unit with 40kA suppression on the primary side	MP535	1400 x 800 x 400
PCH/P3/400	400A Three Phase unit with 40kA suppression on the primary side	MP535	1400 x 800 x 400
*Higher currents available on request			
**For 100kA suppression please add /100 to the part number			