

Pulsar CL1/CL5/CL8

SURGE PROTECTION



Surge suppressors for sensitive equipment at home or in the office

- ▶ Protect a wide range of applications :
 - > Computer and peripherals
 - > Phone equipment
 - > TV/Hi-Fi/Video
- ▶ High performance protection, compliant with standards for Surge protective devices (CL Tel & CL TV models)
- ▶ Protection of phone lines (Tel model) or coax cable (TV model)
- ▶ Active protection indicator
- ▶ Available models : 1 outlet (CL1), 5 outlets (CL5) or 8 outlets (CL8)
- ▶ Cable management system for better aspect and enhanced security (CL5/CL8)
- ▶ Wall-mounting system (CL5/CL8)
- ▶ Safety shutters for children protection
- ▶ Warranty for connected equipment (up to 50000 € for CL8)

THE UNINTERRUPTIBLE POWER PROVIDER

25.000€



MGE
UPS SYSTEMS

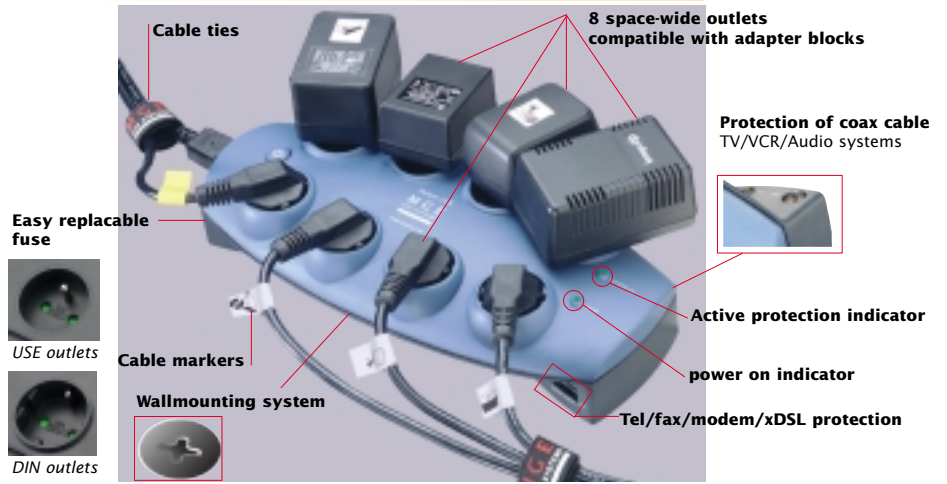
High performance filtering

Equipment connected with Pulsar CL1/CL5/CL8 are protected against surges, noise and indirect effects of lightning strikes. Tel/TV/TelTV models benefits from enhanced performance, compliant with standards for Surge protective devices IEC 61 643-1 and NFC 61 740 (95).

Warranty for connected equipment

This warranty is included with all CL1/CL5/CL8 models and guarantees the user that a damage caused to its connected equipment due to a defect of the CL1/CL5/CL8 could be supported by MGE UPS SYSTEMS (up to 50 000 € for CL8 models).

Pulsar CL8



Pulsar CL1

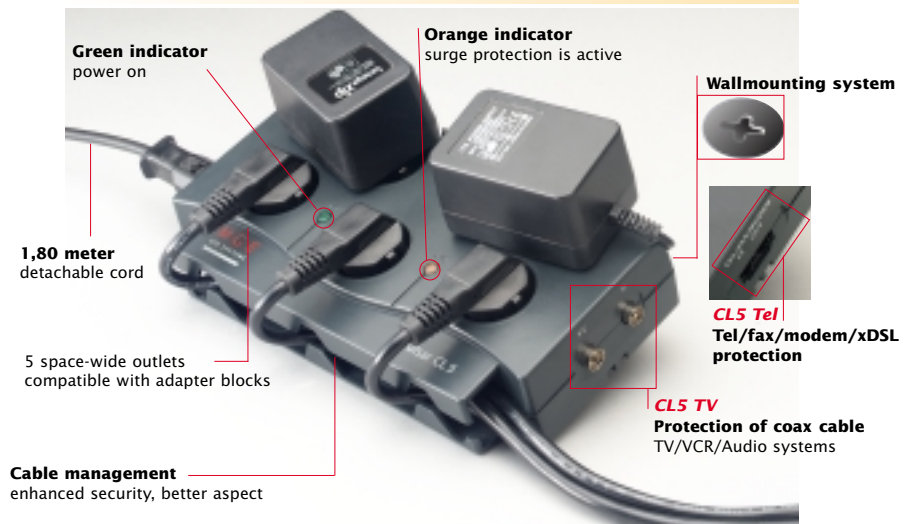
Active protection indicator



CL1 Tel
Phone/Fax/modem/
internet protection :
surge suppression on
phone lines to avoid
hardware damage

CL1 TV
Coax cable
protection
TV/VCR/audio
systems

Pulsar CL5



Specifications

Models	CL1 Tel / CL1 TV	CL5	CL5 Tel / CL5 TV	CL8 TelTV
General				
Size HxWxD / Weight	105x69x65 mm / 0,24 kg	250x134x46 mm / 0,8 kg		53x140x325 mm / 1 kg
Electrical specifications				
Voltage - Frequency		220/250V - 50/60Hz		
Nominal Current / Power	16A / 3250W	10A / 2500W		10A / 2500W
Surge Protection				
Total rating	15 000A 3 x MOV 6 500A	6 500A 1 x MOV 6 500A	15 000A 3 x MOV 6500A	30 000A 3 x MOV 10 000A
response time			<1 ns	
Energy dissipation	630 Joules	210 Joules	630 Joules	1050 Joules
Performances				
Compatible with standards for surge protective devices*				
EMI/RFI filtering				
Max attenuation	52 dB from 100 kHz to 100 MHz		52 dB from 100 kHz to 100 MHz	
Phone line protection				
Phone line protection RJ11/RJ45 (Tel)	2 x 82 Joules / 2 x 4500A		2 x 82 Joules / 2 x 4500A	10 000A
Audio/Video coax line protection (TV)	10 000A		10 000A	10 000A
Standards and Approvals				
Safety		IEC 60-950, NFC 61-303		
EMC		EN 55082-2, EN 55022 class B, EN 61000-4-4 level 4 IEC 61000-4-5 level X=10kV (CL5 = level 4)		
Surge protective devices	IEC 61 643-1/NFC 61 740 (95)		IEC 61 643-1, NFC 61 740 (95)	IEC 61 643-1, NFC 61 740 (95)
Quality		designed, manufactured and marketed under ISO9001 quality system		
Warranty				
Product	2 years + warranty for connected equipments up to 50000 € (EU only)			

*Performance according to standards for surge protective devices IEC 61 643-1 on a 8/20 μs wave for Uoc = 6,6 kV : protection level Up = 1,5 kV, nominal discharge current In = 2,5 kA, max discharge current Imax = 8 kA

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