



Gigawatt®

Power Conditioning and Distribution Products



GigaWatt. The past, the present and the future.

Many music and cinema lovers search for effective ways to increase the quality of the sound and picture of their systems. But not all of them know about the capabilities of the systems they already own. One of the most important factors needed for the optimal operation of the AV equipment is to supply clean, stable power. One of the promoters of this idea is GigaWatt, a rapidly expanding Polish company, specializing in the manufacturing of HI-END power accessories.

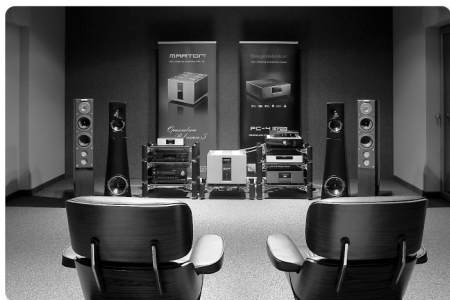
GigaWatt was founded in 2007 by Adam Schubert – an electronics engineer and audio passionate. However the roots of the company reach the year 1998, when a small company, Power Audio Laboratories was created. That company dealt with power filtration, and Adam Schubert was its co-founder and main constructor. The immediate cause for the founding of the company was insufficient availability of high quality power accessories, that would satisfy the highest expectations of the clients. A detailed analysis of the market showed, that similar products coming from competitors are often priced too high compared to their effectiveness and manufacturing quality. Passion for music, together with an ongoing aspiration for perfect sound and picture, were the inspiration to start research on impact of power noise on function of audio-video equipment. However combining the hobby with commercial activity required a substantial increase of technical knowledge in a very narrow expertise field. Many years of education, laborious observations and analysis of measurements resulted in creating a solid basis for creating technological documentation and starting a small series. The prototype of the first GigaWatt power conditioner, which was first designed to protect a private system, quickly gained appreciation among closest friends. The turning point was the Audio Show 2002, which made the company become wider known on the audio market. Enthusiastic reception by clients intensified the work towards further growth of the company and increase of production capabilities. A direct consequence of this was the separation of the research center from the construction part and creation of an autonomic brand – GigaWatt.



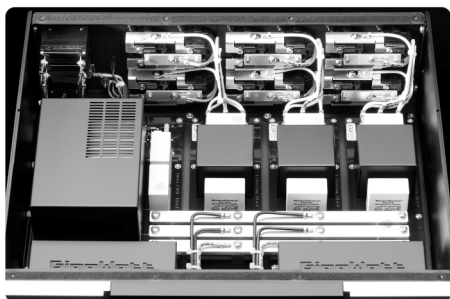
The combination of passion and many years of experience in constructing power devices gained in Power Audio Laboratories was used to design novel concepts, new projects and unique technological solutions. Most materials and components used in the company's products are made by the company or according to proprietary specifications. GigaWatt quickly gained a reputation of a brand, which has exquisitely made products, best components and competitive pricing. GigaWatt products are also admired for their spectacular influence on the sound and picture reproduced by devices powered by them, at the same time protecting the audio-video devices from noise and surges.

The extensive offering of the company is aimed at the most demanding users of audio and video systems, both in the HI-END and HI-FI segments. GigaWatt products are appreciated not only in the home country, where they already have a well-established position, but also internationally, especially all over Europe, Asia, North America and Australia. The dynamic company development is also reflected in the presence on international and domestic shows and fairs.

Recent years have been a very effective period for us. In 2017 we have modernized the research and development centre as well as equipping the measurement laboratory with PA2201A – top class power analyzer from Keysight Technologies. From the beginning of 2018 we have focused on attracting new investment area, which will mean huge potential growth for our company. In 2018 P.A.LABS Company have been merged with the MARTON Company - polish manufacturer of the world class Hi-End amplifiers, well known in Poland since 70's. This cooperation resulted in OPUSCULUM Reference 3 integrated amplifier, that got "Best Sound of the Exhibition" award during Audio Show 2018. It's a uncompromising construction which is a demonstration of today's technological possibilities of the P.A.LABS. It is also fully original masterpiece, now using also solutions used in GigaWatt products.



We cordially invite you to get acquainted with GigaWatt products.



PowerMaster Flagship Power Conditioner

GigaWatt POWERMASTER is an ultra high-end power conditioner. It represents the pinnacle of engineering achievement for the GigaWatt brand, summarizing the company's 25 years of development. Built with components that offer extreme durability and performance, it does not limit the system's dynamics, delivering a spectacular sound experience while also guaranteeing effective surge protection. The POWERMASTER 25-th ANNIVERSARY EDITION is a limited version of the flagship power conditioner, manufactured in a small series of only 25 units, each featuring unique components.

Main features:

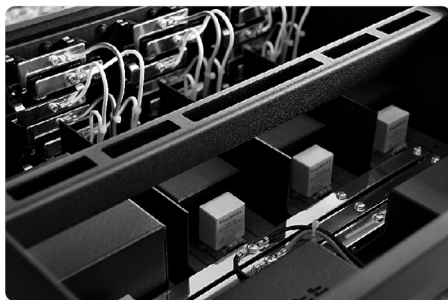
- New internal circuit architecture allowing 300 A (peak) current flow
- New 40Z PCBs with an extremely thick conductive layer of copper coated with a precious metal composition
- Ultra-rigid chassis made from thick sheets of milled aluminum
- Display window made of scratch-resistant 9H ceramic glass
- New precision True-RMS voltmeter with isolated input (9 colors), with the option to turn off the display
- 4 QMM OFC silver-plated copper internal wiring with Teflon insulation (6 QMM for the 25-th ANNIVERSARY EDITION)
- Ground noise filtering system
- Internal terminals with extremely low resistance (~ 100 Ohm) and extreme continuous load capacity (up to 200 A)
- Screw terminal connections enabling perfect clamping of the connector to the terminal with a torque of up to 2.5 Nm
- Anti-vibration platform to mechanically isolate electrical circuits (copper for the 25-th ANNIVERSARY EDITION, providing excellent equipotentialization and even better vibration reduction)
- Distribution bars made of silver-plated, OFC copper with a cross section of 90 QMM (225 QMM for the 25-th ANNIVERSARY EDITION)
- Proprietary solid-state DCB module with 100 A continuous load capacity and massive heatsink (copper-colored for the 25-th ANNIVERSARY EDITION)
- Increased capacitance of proprietary filter capacitors
- Power factor improvement function
- Top anti-vibration feet with a Full Ceramic Isolation System featuring ZrO2 balls and rings
- LS-2 EVO+ power cable as standard

Optional equipment:

- The LED voltmeter display is available in 9 colors
- Power cords - higher models

Basic technical data:

Line voltage:	100-127 VAC 50/60 Hz; 220-240 VAC 50/60 Hz
Maximum output power:	3 680 W
Maximum current load:	16 A
Absorbed impulse current:	22 000 A
Dimensions (W x H x D):	440 x 180 x 405 mm
Gross weight:	25 kg
Available socket types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112)



PC-4 EVO+ (24) Reference Power Conditioner

GigaWatt PC-4 EVO+ is our flagship model and is regarded as one of the best and most advanced constructions of the world. It is the quintessence of many years of research and development of an uncompromised power conditioner. The PC-4 EVO+ effectively prevents interference and power surges, and guarantees a significant improvement of the quality of the sound and picture.

Main features:

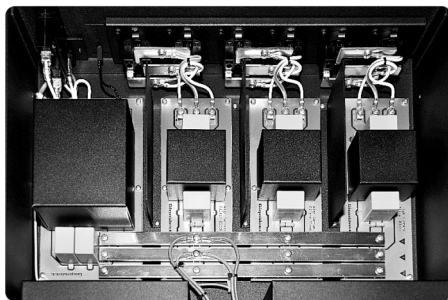
- Twelve high quality, silver plated proprietary power outlets
- Three independent filtering branches with a four output sockets each
- Precise True-RMS Voltmeter with LED display (white color)
- Ultra-rigid, non-magnetic chassis made from aluminum, damped with a bitumen-polymer composite mat
- Anti-vibration, GigaWatt feet with Rolling-Ball Isolation System and 5 mm thickness elastomer
- Novel filtering architecture with special GigaWatt big Audio Grade EMI Suppression Capacitors
- Innovative, two-stage current distribution system based on copper distribution rails
- Massive distribution rails, 45 QMM silver-plated, polished OFC (OFHC 10100, 99.995%)
- Internal wiring - silver-plated OFC 6,0 QMM and 4,0 QMM
- Dual layer PCBs, silver-plated copper with ultra wide traces (550 micrometers total thickness of conductive layers)
- RLC type filtering blocks with HF (High Flux) core filters
- Starting block with an initial filter and surge protection based on plasma spark-gaps and UltraMOV varistors
- DC Offset Blocker on board
- 2-pole hydraulic-magnetic switch from Carling Technologies for overload protection
- 2-pole 25 A Power Relay (breaking capacity 6500 VA)
- Enhanced double buffer circuit with GigaWatt Audio Grade compensation batteries for maximum impulse response
- IEC C20 inlet
- Ground lug for earthing
- PowerSync ULTRA power cord 1,5 m.

Optional equipment:

- LED Voltmeter display (various colors)
- Power cords - higher models: LS-1 EVO+, LS-2 EVO+

Basic technical data:

Line voltage:	110-120 VAC 50/60 Hz; 220-240 VAC 50/60 Hz
Maximum output power:	3 680 W
Maximum current load:	16 A
Absorbed impulse current:	22 000 A
Dimensions (W x H x D):	440 x 160 x 400 mm
Gross weight:	15 kg
Available socket types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112)



PC-3 SE EVO+ Power Conditioner

GigaWatt PC-3 SE EVO+ is a special, improved edition of PC-3 EVO conditioner, with better components. Designed to power and protect audio-video systems of Hi-End class. Conditioner not only effectively prevents interference and overvoltage occurring in a home power grid, but also guarantees a significant improvement of the quality of sound and displayed picture of the connected devices.

Main features:

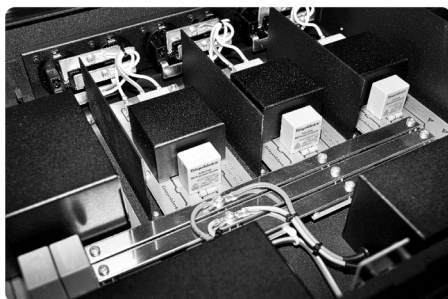
- Six high quality, silver plated proprietary power outlets
- Three independent filtering branches with a two output sockets each
- LED Voltmeter display (white color)
- Rigid, steel-aluminum chassis, damped with a bitumen-polymer composite mat
- Anti-vibration, solid aluminium GigaWatt feet with a elastomer 3.5 mm thick
- Novel filtering architecture with special GigaWatt Audio Grade EMI Suppression Capacitors
- Innovative, two-stage current distribution system based on copper distribution rails
- Massive distribution rails, 30 QMM silver-plated, polished OFC (OFHC 10100, 99.995%)
- Internal wiring - silver-plated OFC 4,0 QMM
- Dual layer PCBs, silver-plated copper with wide traces (280 micrometers total thickness of conductive layers)
- RLC type filtering blocks with Super-MSS core filters
- Starting block with an initial filter and surge protection based on plasma spark-gaps and UltraMOV varistors
- DC Offset Blocker on board
- 16 A Relay (breaking capacity 4000 VA)
- Hydraulic-magnetic switch from Carling Technologies for overload protection
- Double buffer circuit with GigaWatt Audio Grade compensation batteries for maximum impulse response
- LC-2 EVO power cord 1,5 m.

Optional equipment:

- Rolling-Ball Isolation System feet
- LED Voltmeter display (various colors)
- Power cords - higher models: PowerSync ULTRA, LS-1 EVO+, LS-2 EVO+

Basic technical data:

Line voltage:	110-120 VAC 50/60 Hz; 220-240 VAC 50/60 Hz
Maximum output power:	3 680 W
Maximum current load:	16 A
Absorbed impulse current:	22 000 A
Dimensions (W x H x D):	440 x 115 x 400 mm
Gross weight:	16,2 kg
Available socket types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112)



PC-3 EVO+ Power Conditioner

GigaWatt PC-3 EVO+ is an alternating power conditioner, technologically advanced, designed to power and protect Hi-Fi and Hi-End audio-video system. Conditioner not only effectively prevents interference and overvoltage occurring in a home power grid, but also guarantees a significant improvement of the quality of sound and displayed picture of the connected devices.

Main features:

- Six high quality, silver plated proprietary power outlets
- Three independent filtering branches with a two output sockets each
- LED Voltmeter display (white color)
- Rigid, steel-aluminum chassis
- Anti-vibration, solid aluminium GigaWatt feet, with 3.5 mm thickness elastomer
- Novel filtering architecture with special GigaWatt Audio Grade EMI Suppression Capacitors
- Innovative, two-stage current distribution system based on copper distribution rails
- Massive distribution rails, 30 QMM, polished OFC (OFHC 10100, 99.995%)
- Internal wiring - silver-plated OFC 4,0 QMM
- Dual layer PCBs, silver-plated copper with wide traces (280 micrometers total thickness of conductive layers)
- RLC type filtering blocks with Super-MSS core filters
- Starting block with an initial filter and surge protection based on plasma spark-gaps and MOV varistors
- DC Offset Blocker on board
- 16 A Relay (breaking capacity 4000 VA)
- Double buffer circuit with GigaWatt Audio Grade compensation batteries for maximum impulse response
- PowerSync PLUS power cord 1,5 m.

Optional equipment:

- Rolling-Ball Isolation System feet
- LED Voltmeter display (various colors)
- Power cords - higher models: LC-2 EVO, PowerSync ULTRA, LS-1 EVO+

Basic technical data:

Line voltage:	110-120 VAC 50/60 Hz; 220-240 VAC 50/60 Hz
Maximum output power:	3 680 W
Maximum current load:	16 A
Absorbed impulse current:	20 000 A
Dimensions (W x H x D):	440 x 115 x 400 mm
Gross weight:	15,80 kg
Available socket types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112)



PC-2 EVO+ Power Conditioner

GigaWatt PC-2 EVO+ is a technologically advanced power conditioner, designed to power and protect Hi-Fi and Hi-End audio-video systems. Conditioner not only effectively prevents interference and overvoltage occurring in the home power grid, but also guarantees a significant improvement of the quality of sound and displayed picture of the connected devices.

Main features:

- Six high quality, silver plated proprietary power outlets
- Three independent filtering branches with a two output sockets each
- Rigid, steel-aluminum chassis
- Anti-vibration, solid aluminium GigaWatt feet, with 3.5 mm thickness elastomer
- Novel filtering architecture with special GigaWatt Audio Grade EMI Suppression Capacitors
- Innovative, two-stage current distribution system based on copper distribution rails
- Massive distribution rails, 30 QMM, polished OFC (OFHC 10100, 99.995%)
- New internal GigaWatt Powerlink wiring - OFHC 4,0 QMM
- PCBs with large cross-section traces (70 micrometers total thickness of conductive layers)
- RLC type filtering blocks with Iron Powder core filters
- Starting block with an initial filter and surge protection based on plasma spark-gaps and MOV varistors
- DC Offset Blocker on board
- 16 A Relay (breaking capacity 4000 VA)
- Double buffer circuit with GigaWatt Audio Grade compensation batteries for maximum impulse response
- PowerSync PLUS power cord 1,5 m.

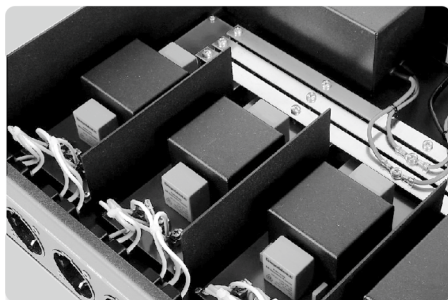


Optional equipment:

- Rolling-Ball Isolation System feet
- Power cords - higher models: LC-2 EVO, PowerSync ULTRA, LS-1 EVO+

Basic technical data:

Line voltage:	110-120 VAC 50/60 Hz; 220-240 VAC 50/60 Hz
Maximum output power:	3 680 W
Maximum current load:	16 A
Absorbed impulse current:	20 000 A
Dimensions (W x H x D):	440 x 115 x 400 mm
Gross weight:	15,60 kg
Available socket types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112)





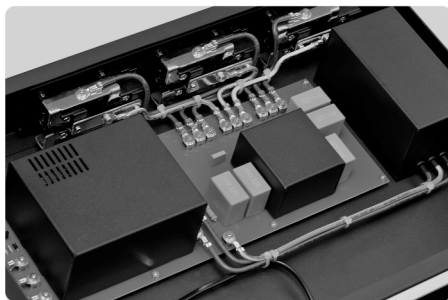
POWERPRIME Power Conditioner

GigaWatt POWERPRIME is the first model of the new generation of our conditioners, that sets the trends for the future of the company. It is based on innovatory construction solutions that will be implemented in the new products in the future soon. POWERPRIME is an essential element of each system for effective protection, filtering and power distribution for audio and video devices.



Main features:

- Six high quality, silver plated proprietary power outlets
- New architecture of the rigid, steel-aluminum chassis
- Anti-vibration feet
- Novel filtering architecture with premium EMI Suppression Capacitors
- Current distribution system based on copper distribution rails, 30 QMM, polished OFC (OFHC 10100, 99.995%)
- New internal GigaWatt Powerlink wiring - OFHC 4,0 QMM
- PCB with large cross-section traces (70 micrometers total thickness of conductive layers)
- RLC type filtering block integrated with surge protection block
- DC Offset Blocker on board to eliminate unwanted DC component of the power grid
- 16 A Relay (breaking capacity 4000 VA)
- Power buffer circuit with GigaWatt Audio Grade compensation batteries for maximum impulse response
- PowerSync PLUS power cord 1,5 m.



Optional equipment:

- Rolling-Ball Isolation System feet
- Power cords - higher models: LC-2 EVO, PowerSync ULTRA

Basic technical data:

Line voltage:	110-120 VAC 50/60 Hz; 220-240 VAC 50/60 Hz
Maximum output power:	3 680 W
Maximum current load:	16 A
Absorbed impulse current:	20 000 A
Dimensions (W x H x D):	440 x 95 x 310 mm
Gross weight:	8,60 kg
Available socket types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112)



POWERCONTROL Power Conditioner

GigaWatt POWECONTROL is an extension of the concept used in PowerPrime. This model also uses the solutions known from the higher PC series power conditioners. The device is equipped with 12 outlets, making it comparable in functionality to the flagship PC-4 EVO+. The standard equipment includes voltage display with switch, and DC Blocker. Like all GigaWatt power conditioners, the PowerControl is available with front panels in black and silver.

Main features:

- Twelve high quality, silver plated proprietary power outlets to keep ZERO contact resistance
- New white LED Voltmeter display, with switch OFF button.
- Compact chassis depth to reduce footprint in space restricted applications
- Anti-vibration, GigaWatt aluminum feet with softpads to absorb vibrations
- Filtering architecture with special GigaWatt Audio Grade EMI Suppression Capacitors to keep ultimate filtering performance
- Massive, outlets distribution rails, 30 QMM polished copper (OFHC 10100, 99.995%) to stable star power distribution topology
- Internal wiring – OFC 4,0 QMM by GigaWatt Powerlink to keep ultimate conductor transmission
- Dual layer PCB, silver-plated copper with ultra wide traces to reduce power losses
- RLC type filtering block with HF (High Flux) core filter to allow maximum interference damping
- DC Offset Blocker on board to eliminate unwanted DC component of the power grid
- Advanced switch from Carling Technologies to allow no compromise switching
- Internal electric construction to allow load up to 100A peak
- Enhanced buffer circuit with GigaWatt Audio Grade compensation battery for maximum impulse response
- Special internal sandwich base to prevent the transmission of resonant vibrations from the chassis to the filter elements
- Internal elastomer Shock dampers that prevents transmission of external vibrations to filter elements
- IEC C20 inlet allowing for better contact and power flow
- Ground lug for turntables, cables (ect) additional earthing
- PowerSync PLUS power cord 1,5 m.

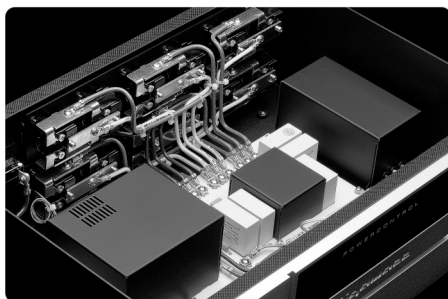


Optional equipment:

- LED Voltmeter display (10 colors)
- Rolling-Ball Isolation System feet
- Power cords - higher models: LC-2 EVO, PowerSync ULTRA, LS-1 EVO+

Basic technical data:

Line voltage:	110-120 VAC 50/60 Hz; 220-240 VAC 50/60 Hz
Maximum output power:	3 680 W
Maximum current load:	16 A
Absorbed impulse current:	20 000 A
Dimensions (W x H x D):	440 x 165 x 310 mm
Gross weight:	15,70 kg
Available socket types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112)





PF-2 EVO+ Filtering Power Strip

GigaWatt PF-2 EVO+ is the latest, modified version of the advanced filtering power strip designed to power and protect Hi-Fi audio and video systems. PF-2 EVO+ is made using high quality components. The main part is RLC filtering block is built using metalized polyester capacitors with low inductance and an IP (Iron Powder) filtering core. All components of the filters are soldered to a massive, double sided PCB with large cross-section of the traces, with silver solder. Modified construction is based on solutions used in the EVO+ series of power conditioners.

Main features:

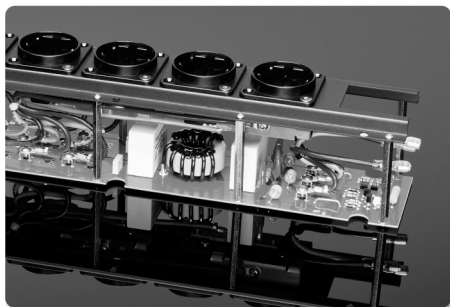
- Six high quality, silver plated proprietary power outlets
- Double, steel chassis, perfectly tight shield against RFI and EMI noise.
- Novel filtering architecture with special Suppression Capacitors
- Innovative, current distribution system based on copper distribution rails
- Massive distribution rails, 30 QMM, polished OFC (OFHC 10100, 99.995%)
- Internal wiring - silver-plated OFC 4,0 QMM
- Double sided PCB with large cross-section traces (140 micrometers total thickness of conductive layers)
- RLC type filtering block with Iron Powder core filters
- Surge protection based on plasma spark-gaps and MOV varistors
- LED indicator of proper function
- LED indicator of wrong polarization, or wrongly connected grounding.
- PowerSync power cord 1,5 m.

Optional equipment:

- Power cords - higher models: PowerSync PLUS, LC-2 EVO, PowerSync ULTRA

Basic technical data:

Line voltage:	110-120 VAC 50/60 Hz; 220-240 VAC 50/60 Hz
Maximum output power:	3 680 W
Maximum current load:	16 A
Absorbed impulse current:	13 000 A
Dimensions (W x H x D):	420 x 94 x 90 mm
Gross weight:	4,90 kg
Available socket types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112)





PF-1 EVO Filtering Power Strip

PF-1 EVO is the latest, modified version of the basic filtering power strip, designed for power distribution and protection of middle-class audio and video systems. The main change, compared to previous version, is the internal wiring, based on the GigaWatt Powerlink copper wire OFHC 4,0 QMM cross section. The PF-1 EVO is a special product in the GigaWatt offer. It surprises with its solid construction and quality of workmanship. At such an affordable price, it has an extremely positive effect on the sound.

Main features:

- Six high quality, silver plated proprietary power outlets
- Steel chassis, shield against RFI and EMI noise.
- Novel filtering architecture with special Suppression Capacitors
- Innovative, current distribution system based on copper distribution rails
- Massive distribution rails, 30 QMM, polished OFC (OFHC 10100, 99.995%)
- New internal GigaWatt Powerlink wiring - OFHC 4,0 QMM
- PCB with large cross-section traces (70 micrometers total thickness of conductive layers)
- RLC type filtering block with Iron Powder core filters
- Surge protection based on plasma spark-gaps and MOV varistors
- LED indicator of proper function
- PowerSync power cord 1,5 m.

Optional equipment:

- Power cords - higher models: PowerSync PLUS, LC-2 EVO

Basic technical data:

Line voltage:	110-120 VAC 50/60 Hz; 220-240 VAC 50/60 Hz
Maximum output power:	3 680 W
Maximum current load:	16 A
Absorbed impulse current:	13 000 A
Dimensions (W x H x D):	420 x 61 x 75 mm
Gross weight:	3,80 kg
Available socket types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112)





PF-1e Filtering Power Strip

GigaWatt PF-1e – the simplified, economical version of the PF-1 EVO power strip. Keeping a similar architecture of the main filter allowed the same level of protecting the connected devices. Savings in used components lowered its price significantly. Solid construction and high quality at a good price.

Main features:

- Six high quality power outlets
- Steel chassis, shield against RFI and EMI noise.
- Novel filtering architecture with special Suppression Capacitors
- Internal wiring - OFC 2,5 QMM
- PCB with large cross-section traces (70 micrometers total thickness of conductive layers)
- RLC type filtering block with Iron Powder core filters
- Surge protection based on plasma spark-gaps and MOV varistors

Optional equipment:

- Power cords - higher models: PowerSync, PowerSync PLUS



Basic technical data:

Line voltage:	110-120 VAC 50/60 Hz; 220-240 VAC 50/60 Hz
Maximum output power:	3 680 W
Maximum current load:	16 A
Absorbed impulse current:	13 000 A
Dimensions (W x H x D):	420 x 65 x 75 mm
Gross weight:	2,50 kg
Available socket types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112)



LS-2 EVO+ Reference Power Cord

GigaWatt LS-2 EVO+ – flagship, reference power cord. Completely new conductors, silver-plated OFHC, 5N purity were used. The design is a 9 x 1,5 QMM twisted conductors configuration, where each lead is made of seven twisted strands. This improves the dynamics and makes the cable more flexible. LS EVO power cords have passive filters adjusted to the new specification. The priority of the LS series project was to obtain an uncompromising product, regardless of the production costs associated with materials and assembly. LS cables are the result of many years of experience and the effect of research supported by rigorous measurements and listening tests.



Main features:

- Fully hand assembly
- Selected, highest quality components
- Multi-strand conductors, twisted, 9 x 1,5 QMM
- Silver plated OFHC 5N copper
- Modified polyolefin dielectric
- Copper static shield
- PVC external isolation
- SE ver. Loss-free, Nano-crystal Alloys Passive Filter
- Nylon braid, wear resistant protection
- G-050SM/G-070SM, Aluminum body, Rhodium plated plugs

Basic technical data:

Line voltage:	110-240 VAC 50/60 Hz
Maximum current load:	16 A
Gross weight:	1,83 kg (1,5 m.)
Available lengths:	standard 1,5 m., (2,0 m. or other by request)
Available plugs types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112), IEC C15, IEC C19, powerCON 32 A



LS-1 EVO+ Reference Power Cord

GigaWatt LS-1 EVO+ – reference power cord. The new conductors, silver-plated OFHC, 5N purity were used. The design is a 7 x 1,5 QMM twisted conductors configuration, where each lead is made of seven twisted strands. This improves the dynamics and makes the cable more flexible. LS EVO power cords have passive filters adjusted to the new specification. The priority of the LS series project was to obtain an uncompromising product, regardless of the production costs associated with materials and assembly. LS cables are the result of many years of experience and the effect of research supported by rigorous measurements and listening tests.

Main features:

- Fully hand assembly
- Selected, highest quality components
- Multi-strand conductors, twisted, 7 x 1,5 QMM
- Silver plated OFHC 5N copper
- Modified polyolefin dielectric
- Copper static shield
- PVC external isolation
- Loss-free, Nano-crystal Alloys Passive Filter
- Nylon braid, wear resistant protection
- G-055SM/G-075SM, Aluminum body, Rhodium plated plugs

Basic technical data:

Line voltage:	110-240 VAC 50/60 Hz
Maximum current load:	16 A
Gross weight:	1,53 kg (1,5 m.)
Available lengths:	standard 1,5 m., (2,0 m. or other by request)
Available plugs types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112), IEC C15, IEC C19, powerCON 32 A



PowerSync ULTRA Premium Power Cord

GigaWatt PowerSync ULTRA – newly designed, high quality power cord, with high cross section, for Hi-Fi and Hi-End audio and video systems. The cable construction uses solutions based on reference series LS. Conductors are made from 99,997% pure copper (OFHC C10100, 5N), additionally subdued to an annealing process, which allows them to gain uniform structure and better conductance. The design is a 8 x 1,5 QMM lead, where each lead consist of 7 strands, spun in a tight pitch. Twisted conductors ensure significant cable inductance reduction, maintaining favourable, quite high self-capacity. This cable is available as optional equipment for GigaWatt power strips and power conditioners.



Main features:

- Multi-strand conductors, twisted, 8 x 1,5 QMM
- OFHC (C10100) 99,997% pure copper
- PE dielectric
- Aluminium foil static shield
- PVC external isolation
- Nylon braid, wear resistant protection
- G-050SM/G-070SM, Aluminum body, Rhodium plated plugs

Basic technical data:

Line voltage:	110-240 VAC 50/60 Hz
Maximum current load:	16 A
Gross weight:	1,6 kg (1,5 m.)
Available lengths:	standard 1,5 m. (1,0 m., 2,0 m. or other by request)
Available plugs types:	EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112), IEC C15, IEC C19, powerCON 32 A



LC-2 EVO High Performance Power Cord

GigaWatt LC-2 EVO – high quality power cord, designed to power Hi-Fi audio and video systems. Cable wires are made up from seven solid core conductors, with 1,5 QMM cross-section, 99,997% pure copper (OFHC C10100), additionally subdued to an annealing process, which allows them to gain uniform structure and better conductance. The wires are arranged in a weave with newly developed geometry. This guarantees a steady, not choked current flow and reduces interference. This cable is also a standard equipment of GigaWatt power strips and power conditioners.



Main features:

- Solid-core conductors, 8 x 1,5 QMM
- OFHC (C10100) 99,997% pure copper
- PE dielectric
- Aluminium foil static shield
- PVC external isolation
- Nylon braid, wear resistant protection
- G-010CLS/G-030CLS Rhodium plated plugs

Basic technical data:

Line voltage:
Maximum current load:
Gross weight:
Available lengths:
Available plugs types:

110-240 VAC 50/60 Hz

16 A

0,6 kg (1,5 m.)

standard 1,5 m. (1,0 m., 2,0 m. or other by request)

EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112), IEC C15, IEC C19, powerCON 32 A



PowerSync PLUS High Performance Power Cord

GigaWatt PowerSync PLUS – high quality power cord, designed for Hi-Fi audio and video systems. Conductors are made from 99,997% pure copper (OFHC C10100, 5N), additionally subdued to an annealing process, which allows them to gain uniform structure and better conductance. The design is a 3 x 2,5 QMM lead, where each lead consist of 12 strands, spun in a tight pitch. Twisted conductors ensure significant cable inductance reduction, maintaining favourable, quite high self-capacity. Excellent value at good price. This cable is also a standard equipment of GigaWatt power strips and power conditioners.



Main features:

- Multi-strand conductors, twisted, 3 x 2,5 QMM
- OFHC (C10100) 99,997% pure copper
- PE dielectric
- Aluminium foil static shield
- PVC external isolation
- Nylon braid, wear resistant protection
- G-010/G-030 Standard Plugs

Basic technical data:

Line voltage:
Maximum current load:
Gross weight:
Available lengths:
Available plugs types:

110-240 VAC 50/60 Hz

16 A

0,53 kg (1,5 m.)

standard 1,5 m. (1,0 m., 2,0 m. or other by request)

EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112), IEC C15, IEC C19, powerCON 32 A



PowerSync High Performance Power Cord

GigaWatt PowerSync – basic power cord, designed for Hi-Fi audio and video systems. Conductors are made from 99,997% pure copper (OFHC C10100, 5N), additionally subdued to an annealing process, which allows them to gain uniform structure and better conductance. The design is a 3 x 14 AWG lead, where each lead consist of 10 strands, spun in a tight pitch. Twisted conductors ensure significant cable inductance reduction, maintaining favourable, quite high self-capacity. Excellent value at good price. This cable is also a standard equipment of GigaWatt power strips and power conditioners.



Main features:

- Multi-strand conductors, twisted, 3 x 14 AWG
- OFHC (C10100) 99,997% pure copper
- PE dielectric
- Aluminium foil static shield
- PVC external isolation
- Nylon braid, wear resistant protection
- G-010/G-030 Standard Plugs

Basic technical data:

Line voltage:
Maximum current load:
Gross weight:
Available lengths:
Available plugs types:

110-240 VAC 50/60 Hz
16 A
0,53 kg (1,5 m.)
standard 1,5 m. (1,0 m., 2,0 m. or other by request)
EU (Schuko), US (Nema 5-20R), AU (AS/NZS 3112), IEC C15, IEC C19, powerCON 32 A



PowerSync High Performance Bulk Power Cable

GigaWatt PowerSync, bulk version, is a power cable from a reel, designed to confection cables of the needed length.

The cable consists of three conductors (working wires) with a cross-section of 14 AWG (~2 QMM) insulated with PE dielectric. A single conductor contains 10 wires with a diameter of 0.514mm. The conductors are made of OFHC C10100 copper, with a purity of 5N, additionally annealed to achieve homogeneity of structure and better conductivity. The conductors of this cable are protected by a static shield, made of plastic-laminated aluminum foil. The airtight design of the shield, covering 100% of the cable's surface, perfectly protects against unwanted external EMI and RFI noise, and prevents the generation and propagation of internal interference. Under the shield there is an additional trailing wire. The entire cable is surrounded by an outer insulation made of GA 70AT03 material.

Main features:

- Semi-multistrand conductors, twisted 3 x 14 AWG (~3 x 2,0 QMM)
- OFHC (C10100) 99,997% pure copper
- Earth wire copper conductor
- PK 90AT28 wire dielectric
- Aluminium foil static shield
- GA 70AT03 flexible external isolation, mechanically durable

Basic technical data:

Line voltage:	110-240 VAC 50/60 Hz
Maximum current load:	16 A
Gross weight:	0,18 kg (1,0 m.)
Nominal outer diameter:	10,9 mm
Minimum bending radius:	5 x Ø
Available lengths:	100 m. roll



LC-Y EVO 3X4 Audio Grade In-wall Power Cable

GigaWatt LC-Y EVO – shielded, Audio-Grade in-wall installation cable, designed to power audio and video systems susceptible to interference. The EVO version uses new geometry of higher twist density conductors and new internal anti-vibrating insulation. This proprietary design cable, improves the efficiency of any one-phase power grid with a voltage between 110-240 VAC, allowing to maximize the potential of the AV system.



Main features:

- Solid-core conductors, twisted 3 x 4,0 QMM
- OFHC (C10100) 99,997% pure copper
- Earth wire conductor - tinned copper
- PK 90AT28 wire dielectric
- Aluminium foil static shield
- TPV56 internal flexible polymer isolation, for vibrations absorbing
- GA 70AT03 flexible external isolation, mechanically durable

Basic technical data:

Line voltage:	110-240 VAC 50/60 Hz
Maximum current load:	20 A
Gross weight:	0,25 kg (1,0 m.)
Nominal outer diameter:	12 mm
Minimum bending radius:	12 x Ø
Available lengths:	100 m. roll



G-044NF SCHUKO Wall Power Socket

GigaWatt G-044NF SCHUKO – high quality in-wall power socket, designed for home electrical grids powering audio-video systems.

Duplex version is also available (G-044 SCHUKO Duplex), consisting of two separate inlays and a double frame, that can be mounted horizontally or vertically.



Main features:

- Solid brass, demagnetized connectors
- Electroplated surface to protect against oxidation
- Solid clamp
- Large contact surface, 10 mm width
- Large screw terminals for connecting wires (standard)
- Quick-lock spring fastening connectors (optional)
- High quality internal chassis
- Mounting depth of less than 30 mm
- Solid aluminum faceplate frame, 10 mm thickness

Basic technical data:

Line voltage:	110-240 VAC 50/60 Hz
Maximum current load:	16 A
Dimension:	95 x 95 x 35,5 mm (Duplex 95 x 166 x 35,5 mm)
Gross weight:	0,19 kg (0,32 kg Duplex)

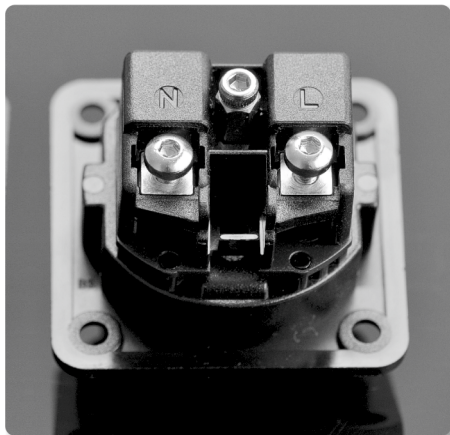


G-040N SCHUKO Panel Socket

GigaWatt G-040N Schuko – high quality panel socket, designed to be mounted in a chassis. This product is a proprietary solution of GigaWatt. It is especially designed to be fitted in an enclosure for a power device like a power strip, anti-interference filters or power conditioners - everywhere, where secure, reliable connection and lossless power distribution is required.

The brass connectors are directly silver plated, without using any metal intermediate layer. Usually there is a layer of copper or nickel added, but it would introduce a detrimental serial resistance and thus lower the voltage. A direct silver-plating minimizes the resistance of the connection to almost unmeasurable levels, close to absolute zero, what improves the sonic capabilities of the product.

To increase children protection, the G-040N socket can be additionally equipped with integrated anti-shock covers (increased shock protection, conform with VDE 0620).



Main features:

- Silver plated, solid brass contact springs
- Cryogenically processed and de-magnetized
- Solid clamp
- Large contact surface
- Reinforced nylon body
- Markers on the chassis, for proper mounting and correct polarization identifying
- Large screw terminals for connecting wires
- Non-magnetic screws

Basic technical data:

Line voltage:	110-240 VAC 50/60 Hz
Maximum current load:	16 A
Dimension:	50 x 50 x 36 mm
Gross weight:	0,06 kg



G-16A (1-POLE, 2-POLE) Circuit breakers

GigaWatt G-16A (1P) and G-16A (2P) are the latest generation circuit breakers designed for use in low-voltage 110-230 VAC switchgear as a component supplementary protector on overload in order to reliably protect GigaWatt LC-Y EVO cable power lines and GigaWatt power conditioners or power strips only. The G-16A breakers are tested to IEC EN 60934 VDE 0642 (circuit for equipment for household) and must be used together with a main short-circuit protective device (SCPD) in front of it.

New type of breakers have a much greater resistance to the value of the instantaneous starting current (Hi-Inrush) than discontinued G-C20A 2P circuit breaker. This is extremely important due to the fact that audio-video devices (especially power-consuming power amplifiers) have different load characteristics from ordinary household power receivers.

This breaker is manufactured by Carling Technologies for special order and according to GigaWatt specification and is conform with all European norms, requirements, directives and technical approvals (CE, VDE, UL., CSA).



Main features:

- Hydraulic-magnetic switch, with an induction coil
- Innovative coil system
- Copper internal contacts with a large cross-section
- The main contact elements made from silver with a large contact surface
- Performance characteristics adapted to AV devices
- Guarantee full flow without throttling
- Special phenol-formaldehyde resin body
- Increased load value 16 A Hi-Inrush
- Standard DIN rail mounting

Basic technical data:

Max. Voltage (Ue):	250 VAC
Frequency:	50/60 Hz
Current Rating (In):	16 A
Trip Amps:	20 A
Short Circuit Capacity (Icn):	1500 A / 3000 A (with additional backup fuse)
Delay:	Medium/Hi-Inrush
Resistance per Pole Values:	<0,006 Ohm
Dimensions:	92 x 72 x 19 mm (92 x 72 x 38 mm 2-POLE)
Gross Weight:	0,17 kg (0,30 kg 2-POLE)



IEC320-C5 / IEC320-C7 Plug Adapters

GigaWatt IEC320-C5 / IEC320-C7 is a high quality adapter, made by GigaWatt, to convert power cables with C13 (IEC 320) plug to C7 or C5 connector.

Most popular audio-video gear uses low quality power cables with a C7 or C5 plug. Such cables are often found with DVD or Blu-ray players, LCD and plasma TV sets or other devices like video projectors or notebook power supplies. They cause significant power loss and throttle the current flow to the connected device. The IEC320-C5 adapter allows connecting any cable with a C13 (IEC 320) plug to a device accepting C7/C5 plugs.



Main features:

- PVC/Nylon body
- Brass connectors, cryogenically treated and demagnetized
- Current flow without throttle
- Improved sound and picture quality

Basic technical data:

Line voltage:	110-240 VAC 50/60 Hz
Maximum current load:	2,5 A (250 VAC), 10 A (125 VAC)
Dimension:	29 x 21 x 65 mm (IEC320-C5), 29 x 21 x 68,3 mm (IEC320-C7)
Gross weight:	0,07 kg



Full Ceramic Isolation System Anti-Vibration Feet

GigaWatt Full Ceramic Isolation System is a development of the concept used in the Rolling-Ball Isolation System. Ceramic feet are more massive and larger, they consist of two segments. The purpose of the system is to minimize the number of contact points of the feet, and then the conditioner's cabinet with the floor, which results in a significant reduction of mechanical vibration, which negatively affects the conditioner's internal components degrading its sound. Ceramic version uses two massive aluminum segments in which ceramic rings with balls are embedded. Zirconium oxide (ZrO₂) is a harder material than steel, can handle higher point loads, and thanks to the matched rings also allows radial movement.

The operation of ceramic ball rings is similar to that of a conventional ball bearing. The difference, in addition to the material used, lies in the size and number of individual components, the details of construction and the direction of operation of the bearing, since the feet are mainly intended to carry heavy axial loads in one direction, rather than radial loads as in a conventional ball bearing. In addition, the underside component of the feet is equipped with a special elastomer to quench the initial vibration coming from the ground.

The Ceramic-Ball Isolation System feet are factory-fitted to the flagship PowerMaster conditioner. For other conditioner models, they are available as an option on request. The Ceramic-Ball Isolation System can also be used with other audio equipment.



Main features:

- Four pieces per set
- Two solid aluminum rings
- Extremely hard Zirconium Oxide balls and beares
- Additional special elastomer, 5 mm thick
- Extremely effective isolation of mechanical vibrations
- Improves the sound quality

Basic technical data:

Weight limit (set):	200 kg
Fixing:	M6 screw
Dimension:	ø60 x 42 mm
Gross weight:	1,80 kg (4 pcs.)



Rolling-Ball Isolation System Anti-Vibration Feet

GigaWatt Rolling-Ball Isolation System – is an anti-vibration system, consisting of two parts (external and internal), made from solid aluminium, between which, there are two rings with balls. The purpose of the system is to minimize the contact between the conditioner and the base. This results in a significant reduction of mechanical vibration, which influences the innards negatively and degrades the sound of the conditioner. The feet with balls work similar to a traditional ball bearing. The main differences are the sizes and the number of individual elements, some details of construction and finally the direction of the moves of the bearing; as the feet are transferring big loads in an axial way, and not radially, as in a typical ball bearing.

Rolling-Ball Isolation System is a standard equipment for PC-4 EVO+. For all other models of GigaWatt conditioners, Rolling-Ball Isolation System is available by request.



Main features:

- Four pieces per set
- Two solid aluminum rings
- Extremely hard stainless steel balls
- Additional special elastomer, 5 mm thick
- Extremely effective isolation of mechanical vibrations
- Improves the sound quality

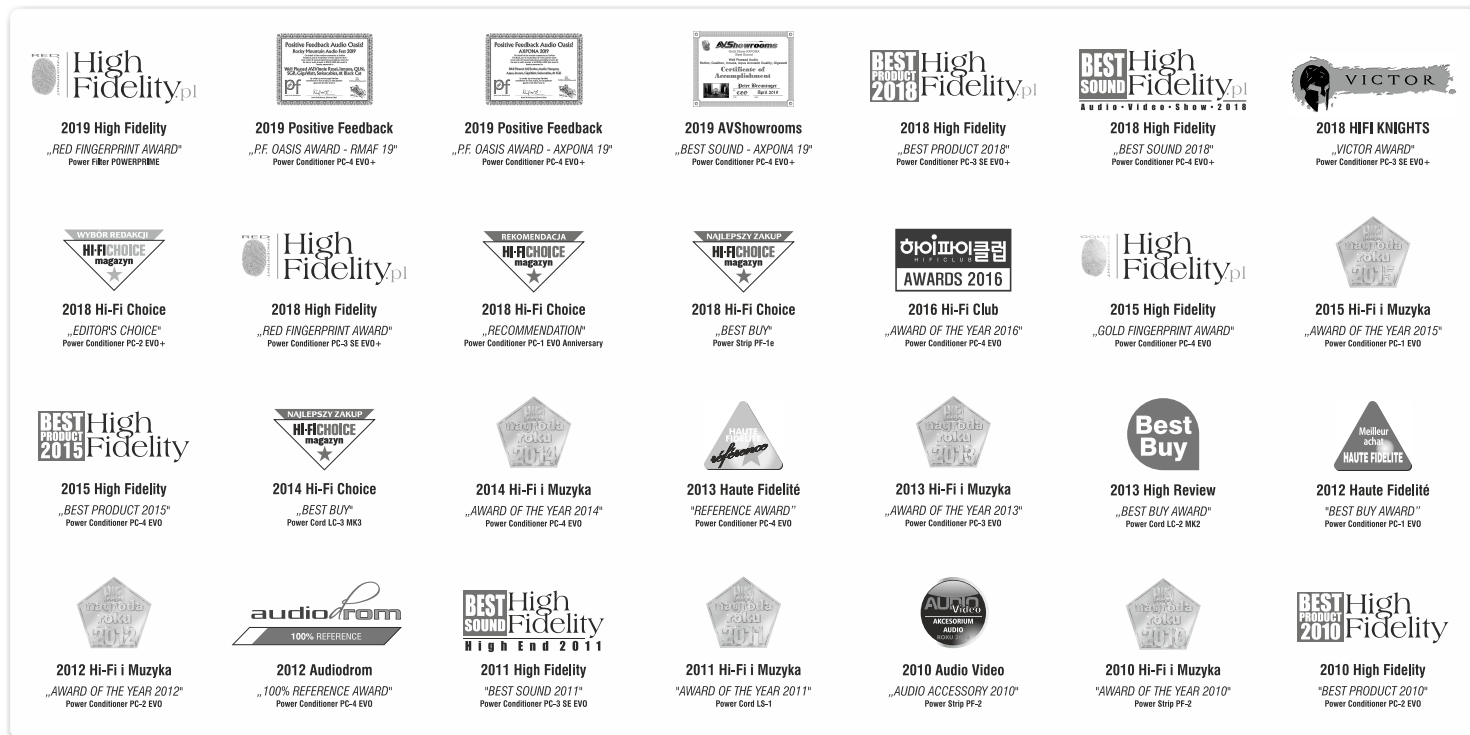
Basic technical data:

Weight limit (set):	200 kg
Fixing:	M6 screw
Dimension:	Ø60 x 32 mm
Gross weight:	1,80 kg (4 pcs.)

Awards, distinctions and reviews

GigaWatt always endeavors to manufacture highest quality products. According to the opinion of leading specialty audio magazines, GigaWatt products belong to world class leaders in terms of their operation and build quality, many times surpassing the standards used in the branch and setting new patterns. This is confirmed by countless positive reviews, prestigious awards and distinctions for GigaWatt products, received domestically and in other countries.

You can find some of them below.



GigaWatt®

Power Conditioning and Distribution Products



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