BERGMEN

Power supplies

Powering LED Systems

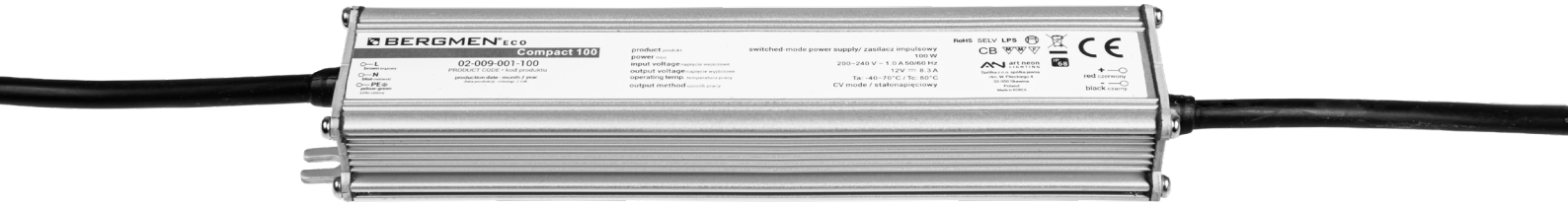


Table of contents:

3	What are constant voltage power supplies? Division of power supplies
4-9	Professional constant voltage power supplies
10-13	Economic constant voltage power supplies
14-15	Plug-in power supplies.
16	Why Bergmen?
17-19	Bergmen's full product and service offerings

What are **constant voltage power supplies?**

Our range of power supplies is designed to meet the diverse needs of lighting projects. It includes fixed-voltage mounting power supplies, made from the highest quality components and equipped with a range of safety features to ensure reliability and stable operation even in demanding conditions. We also offer cost-effective mounting power supplies, based on cheaper but still reliable solutions that guarantee safe operation in a variety of environments. Completing the range are socket power supplies, ideal for smaller instaly-earsions, which are characterised by ease of instalyearsion and convenience of use.



Division of power supplies

Profesjonalne Power supplye stałonapięciowe

Our range of constant-voltage power supplies combines reliability, durability and versatility. The range includes models in aluminium and plastic housings to suit a variety of applications. The power supplies vary in functionality, power, dimensions and output parameters, providing the ideal solution for any instalyearsion.

Economic constant voltage power supplies

The range of economical constant-voltage power supplies is the ideal solution for projects that require reliability, good efficiency and an attractive price. The range includes power supplies in hermetic housings, resistant to dust and moisture - perfect for demanding applications. For simple indoor applications, we offer mounting power supplies that combine functionality with affordability.

Plug-in power supplies

The plug-in power supply series is designed for small LED realisations and powering compatible electronic devices. Equipped with a DC-type plug on the output cord, the power supplies provide quick and hassle-free instalyearsion, without the need for additional adapters. For even greater convenience, some models feature a switch, allowing the unit to be permanently plugged into the power source and its operation to be easily controlled.

Components Group

IP 68 | Warranty: **5 years**



Power supply

Storm Slim

Storm Slim is a series of advanced fixed-voltage mounting power supplies that combine high power with a compact housing, enabling easy installation even in confined spaces. The power supplies feature a very high IP68 protection rating, making them ideal for applications in demanding environments. Equipped with a complete set of safety features, they guarantee reliable and safe operation.

High IP68 protection
Provides complete protection against dust, moisture and immersion in water.

Complete protection
Short-circuit, temperature, overload and over-voltage protection for safe operation.

Compact housing
Ideal for installation in confined spaces.

Technical specifications

Model	Product code	Input voltage	Output voltage	Output current	Operating temp.	Frequency	Power	Dimensions	Weight	* Prot.
Storm Slim 10012	01-009-005-100	200~240 V AC	12 V DC	8.3 A	-40~70°C	50~60 Hz	100 W	203 x 48 x 37 mm	0.6 kg	●●●●
Storm Slim 10024	01-009-015-100	200~240 V AC	24 V DC	4.2 A	-40~70°C	50~60 Hz	100 W	203 x 48 x 37 mm	0.6 kg	●●●●
Storm Slim 15012	01-009-005-150	200~240 V AC	12 V DC	12.5 A	-40~70°C	50~60 Hz	150 W	218 x 56 x 37 mm	0.68 kg	●●●●
Storm Slim 15024	01-009-015-150	200~240 V AC	24 V DC	6.3 A	-40~70°C	50~60 Hz	150 W	218 x 56 x 37 mm	0.68 kg	●●●●
Storm Slim 20012	01-009-005-200	200~240 V AC	12 V DC	16.6 A	-40~70°C	50~60 Hz	200 W	233 x 62 x 37 mm	0.93 kg	●●●●
Storm Slim 20024	01-009-015-200	200~240 V AC	24 V DC	8.3 A	-40~70°C	50~60 Hz	200 W	233 x 62 x 37 mm	0.93 kg	●●●●
Storm Slim 30012	01-009-005-300	200~240 V AC	12 V DC	25 A	-40~70°C	50~60 Hz	300 W	278 x 62 x 37 mm	1.08 kg	●●●●
Storm Slim 30024	01-009-015-300	200~240 V AC	24 V DC	12.5 A	-40~70°C	50~60 Hz	300 W	278 x 62 x 37 mm	1.08 kg	●●●●

*** Protections**

● Short-circuit protection | ● Overload protection | ● Over voltage protection | ● Over temp. protection

Components Group

IP 68 | Warranty: **7 years**

Power supply

Storm PFC



Storm PFC is a series of advanced fixed-voltage mounting power supplies featuring a PFC power equalizer for high energy efficiency and stable operation. With a very high IP68 protection rating, the power supplies are the perfect choice for installations in demanding environments. Equipped with a complete set of safety features, they guarantee reliability, safety and a long service life.

PFC power equalizer

Ensures stability and optimal energy efficiency.

High IP68 protection

Guarantees full protection against dust, moisture and immersion in water.

Complete protection

Short-circuit, temperature, overload and over-voltage protection for maximum safety.

Technical specifications

Model	Product code	Input voltage	Output voltage	Output current	Operating temp.	Frequency	Power	Dimensions	Weight	* Prot.
Storm PFC 6012	01-009-101-60	100~277 V AC	12 V DC	5.0 A	-40~70°C	50~60 Hz	60 W	184 x 62 x 37 mm	0.64 kg	● ● ● ●
Storm PFC 8012	01-009-101-80	100~277 V AC	12 V DC	6.66 A	-40~70°C	50~60 Hz	80 W	184 x 62 x 37 mm	0.64 kg	● ● ● ●
Storm PFC 10012	01-009-101-100	100~277 V AC	12 V DC	8.4 A	-40~70°C	50~60 Hz	100 W	202 x 62 x 37 mm	0.71 kg	● ● ● ●
Storm PFC 15012	01-009-101-150	200~277 V AC	12 V DC	12.5 A	-40~70°C	50~60 Hz	150 W	222 x 62 x 37 mm	0.77 kg	● ● ● ●
Storm PFC 20012	01-009-101-200	100~277 V AC	12 V DC	16 A	-40~70°C	50~60 Hz	192 W	238 x 68 x 39 mm	1.07 kg	● ● ● ●

* Protections

● Short-circuit protection | ● Overload protection | ● Over voltage protection | ● Over temp. protection

Components Group

IP 68 | Warranty: **5 years**



Power supply

Storm Dim

Storm Dim is a series of fixed-voltage mounting power supplies with an advanced dimming function that allows precise voltage regulation via analogue signal, PWM or resistance. The power supplies feature extremely compact dimensions and high efficiency, making them ideal for demanding installations. In addition, with IP68 protection and a complete set of safety features, they are reliable in all conditions.

Dimming function

Control via analogue signal, PWM or resistance for precise lighting control.

IP68 protection

Guarantees full protection against dust, moisture and immersion in water.

Complete protection

Short-circuit, temperature, overload and over-voltage protection ensures safe use.

Technical specifications

Model	Product code	Input voltage	Output voltage	Output current	Operating temp.	Frequency	Power	Dimensions	Weight	* Prot.
Storm Dim 10012	01-009-008-100	200~240 V AC	12 V DC	8.3 A	-40~70°C	50~60 Hz	100 W	159 x 48 x 37 mm	0.44 kg	● ● ● ●
Storm Dim 10024	01-009-018-100	200~240 V AC	24 V DC	4.2 A	-40~70°C	50~60 Hz	100 W	159 x 48 x 37 mm	0.44 kg	● ● ● ●
Storm Dim 15012	01-009-008-150	200~240 V AC	12 V DC	12.5 A	-40~70°C	50~60 Hz	150 W	183 x 48 x 37 mm	0.52 kg	● ● ● ●
Storm Dim 15024	01-009-018-150	200~240 V AC	24 V DC	6.25 A	-40~70°C	50~60 Hz	150 W	183 x 48 x 37 mm	0.52 kg	● ● ● ●
Storm Dim 20012	01-009-008-200	200~240 V AC	12 V DC	15 A	-40~70°C	50~60 Hz	180 W	204 x 48 x 37 mm	0.59 kg	● ● ● ●
Storm Dim 20024	01-009-018-200	200~240 V AC	24 V DC	7.5 A	-40~70°C	50~60 Hz	180 W	204 x 48 x 37 mm	0.59 kg	● ● ● ●

* Protections

● Short-circuit protection | ● Overload protection | ● Over voltage protection | ● Over temp. protection

Components Group

IP 68 | Warranty: **5 years**



Power supply

Storm

Storm is a series of reliable fixed-voltage mounting power supplies designed for demanding lighting applications. With a high IP68 protection rating and a complete set of safety features, these power supplies ensure safe and stable operation in all conditions. High build quality and a long warranty make the Storm series the ideal choice for professional installations.

Long warranty
Assurance of quality and durability confirmed by a multi-year warranty.

High IP68 protection
Guaranteed to be fully resistant to dust, moisture and immersion in water.

Complete protection
Short-circuit, temperature, overload and over-voltage protection for maximum safety.

Technical specifications

Model	Product code	Input voltage	Output voltage	Output current	Operating temp.	Frequency	Power	Dimensions	Weight	* Prot.
Storm 4012	01-009-001-40	200~240 V AC	12 V DC	3.33 A	-40~70°C	50~60 Hz	40 W	168 x 48 x 38 mm	0.4 kg	● ● ● ●
Storm 4024	01-009-014-40	200~240 V AC	24 V DC	1.66 A	-40~70°C	50~60 Hz	40 W	168 x 48 x 38 mm	0.4 kg	● ● ● ●
Storm 6012	01-009-001-60	200~240 V AC	12 V DC	5.0 A	-40~70°C	50~60 Hz	60 W	168 x 48 x 38 mm	0.4 kg	● ● ● ●
Storm 6024	01-009-014-60	200~240 V AC	24 V DC	2.5 A	-40~70°C	50~60 Hz	60 W	168 x 48 x 38 mm	0.4 kg	● ● ● ●
Storm 8012	01-009-001-80	200~240 V AC	12 V DC	6.66 A	-40~70°C	50~60 Hz	80 W	193 x 48 x 38 mm	0.45 kg	● ● ● ●

* Protections

● Short-circuit protection | ● Overload protection | ● Over voltage protection | ● Over temp. protection

Components Group

IP 64 / 68

Warranty: **5 years**



Power supply

Integra Slim

Integra Slim is a series of fixed-voltage mounting power supplies that combine compact size with high performance and reliability. With enhanced IP64 and IP68 protection, the power supplies are resistant to dust and moisture, making them ideal for applications in demanding environments. Very good heat dissipation and high load capacity ensure stable operation even in intensive applications.

Enhanced IP64/IP68 protection

Guarantees protection against dust and moisture in a wide variety of conditions.

High load capacity

Ensures reliable operation with higher power requirements.

Very good heat dissipation

Stability and extended service life due to efficient thermics.

Technical specifications

Model	Product code	Input voltage	Output voltage	Output current	Operating temp.	Frequency	Power	Dimensions	Weight	* Prot.	IP
Integra Slim 3012	01-009-003-30-3-A	180~264 V AC	12 V DC	2.5 A	-40~50°C	50~60 Hz	30 W	194 x 28 x 19 mm	0.13 kg	● ● ●	IP64
Integra Slim 3024	01-009-003-30-4	180~264 V AC	24 V DC	1.25 A	-40~50°C	50~60 Hz	30 W	194 x 28 x 19 mm	0.13 kg	● ●	IP64
Integra Slim 6012	01-009-003-60-2-A	180~264 V AC	12 V DC	5.0 A	-40~50°C	50~60 Hz	60 W	202 x 30 x 23 mm	0.18 kg	● ● ●	IP64
Integra Slim 6024	01-009-003-60-3-A	180~264 V AC	24 V DC	2.5 A	-40~50°C	50~60 Hz	60 W	202 x 30 x 23 mm	0.18 kg	● ● ●	IP64
Integra Slim 10012	01-009-003-100-4	200~240 V AC	12 V DC	8.3 A	-40~50°C	50~60 Hz	100 W	192 x 35 x 22 mm	0.19 kg	● ●	IP68
Integra Slim 10024	01-009-003-100-3	200~240 V AC	24 V DC	4.2 A	-40~50°C	50~60 Hz	100 W	192 x 35 x 22 mm	0.19 kg	● ●	IP68

*** Protections**

● Short-circuit protection | ● Overload protection | ● Over voltage protection | ● Over temp. protection

Components Group

IP 68 | Warranty: **5 years**



Power supply

Integra

Integra is a series of Korean fixed-voltage mounting power supplies that stand out for their high efficiency and reliability. With their compact size and high IP68 protection rating, the power supplies are ideal for applications requiring durability and resistance to harsh conditions. Very good heat dissipation and high load capacity ensure stable and efficient operation in demanding installations.

High load capacity

Guarantees stable operation with high power demand.

High IP68 protection

Protection against dust, moisture and water, ideal for demanding conditions.

Very good heat dissipation

Stability and extended service life due to efficient thermics.

Technical specifications

Model	Product code	Input voltage	Output voltage	Output current	Operating temp.	Frequency	Power	Dimensions	Weight	* Prot.
Integra 1012	01-009-003-10	180~264 V AC	12 V DC	0.83 A	-40~70°C	50~60 Hz	10 W	127 x 36 x 24 mm	0.08 kg	● ● ●
Integra 1024	01-009-003-10-2	180~264 V AC	24 V DC	0.41 A	-40~70°C	50~60 Hz	10 W	127 x 36 x 24 mm	0.08 kg	● ● ●
Integra 2012	01-009-003-20	180~264 V AC	12 V DC	1.66 A	-40~70°C	50~60 Hz	20 W	152 x 36 x 26 mm	0.12 kg	● ● ●
Integra 2024	01-009-003-20-2	180~264 V AC	24 V DC	0.83 A	-40~70°C	50~60 Hz	20 W	152 x 36 x 26 mm	0.12 kg	● ● ●
Integra 3012	01-009-003-30	180~264 V AC	12 V DC	2.5 A	-40~70°C	50~60 Hz	30 W	152 x 36 x 26 mm	0.14 kg	● ● ●
Integra 3024	01-009-003-30-2	180~264 V AC	24 V DC	1.25 A	-40~70°C	50~60 Hz	30 W	152 x 36 x 26 mm	0.14 kg	● ● ●
Integra 15012	01-009-003-150	200~240 V AC	12 V DC	11.5 A	-40~70°C	50~60 Hz	138 W	171 x 42 x 38 mm	0.33 kg	● ● ●
Integra 15024	01-009-003-150-2	200~240 V AC	24 V DC	5.8 A	-40~70°C	50~60 Hz	138 W	171 x 42 x 38 mm	0.33 kg	● ●

* Protections

● Short-circuit protection | ● Overload protection | ● Over voltage protection | ● Over temp. protection

Components Group

Economic | IP 68 | Warranty: ≥ 3 years

Power supply

Compact

Compact is a series of fixed-voltage mounting power supplies that combine high power with compact dimensions, offering exceptional performance at an attractive price. Equipped with a complete set of protection features, they ensure safe and reliable operation in a variety of applications. Thanks to their compact size, the Compact power supplies are ideal for installation in space-constrained areas.



High power in compact dimensions

Efficient power supply even in difficult installation conditions.

Versatile use

It will work well for both smaller and more demanding lighting projects.

Complete protection

Short-circuit, temperature, overload and over-voltage protection for safe operation.

Technical specifications

Model	Product code	Input voltage	Output voltage	Output current	Operating temp.	Frequency	Power	Dimensions	Weight	* Prot.
Compact 6012	02-009-001-60	200~240 V AC	12 V DC	5.0 A	-40~70°C	50~60 Hz	60 W	193 x 40 x 25 mm	0.21 kg	● ●
Compact 10012	02-009-001-100	200~240 V AC	12 V DC	8.3 A	-40~70°C	50~60 Hz	100 W	193 x 40 x 25 mm	0.21 kg	● ●
Compact 15012	02-009-001-150	200~240 V AC	12 V DC	12.5 A	-40~70°C	50~60 Hz	150 W	156 x 48 x 37 mm	0.49 kg	● ●
Compact 20012	02-009-001-200	200~240 V AC	12 V DC	15 A	-40~70°C	50~60 Hz	180 W	173 x 56 x 37 mm	0.53 kg	● ● ●
Compact 30012	02-009-001-300	200~240 V AC	12 V DC	22.5 A	-40~70°C	50~60 Hz	270 W	192 x 62 x 37 mm	0.66 kg	● ● ● ●
Compact 40012	02-009-001-400	200~240 V AC	12 V DC	30 A	-40~70°C	50~60 Hz	360 W	222 x 74 x 49 mm	1.45 kg	● ● ●
Compact 20024	02-009-003-200	200~240 V AC	24 V DC	7.5 A	-40~70°C	47~63 Hz	180 W	173 x 56 x 37 mm	0.53 kg	● ● ●
Compact 30024	02-009-003-300	200~240 V AC	24 V DC	11 A	-40~70°C	47~63 Hz	258 W	192 x 62 x 37 mm	0.66 kg	● ● ● ●
Compact 40024	02-009-003-400	200~240 V AC	24 V DC	15 A	-40~70°C	47~63 Hz	360 W	222 x 74 x 49 mm	1.45 kg	● ● ●

* Protections

● Short-circuit protection | ● Overload protection | ● Over voltage protection | ● Over temp. protection

Components Group

Economic | IP 67 | Warranty: **5 years**

Power supply

Electra

Electra is a series of fixed-voltage mounting power supplies that combine compact dimensions, high quality and an attractive price. With a wide power range to choose from and a high IP67 protection rating, these power supplies are the perfect solution for a variety of lighting applications, both indoor and outdoor.



Wide wattage range
Allows customisation to suit different needs and applications.

High IP67 protection
Ensures reliability in harsh environments, protecting against dust and moisture.

Compact dimensions
Ideal for installation in confined spaces.

Technical specifications

Model	Product code	Input voltage	Output voltage	Output current	Operating temp.	Frequency	Power	Dimensions	Weight	* Prot.
Electra 512	01-009-004-12-05	170~250 V AC	12 V DC	0.417 A	-30~50°C	50~60 Hz	5 W	52 x 26 x 21 mm	0.042 kg	● ●
Electra 1512	01-009-004-12-15	170~250 V AC	12 V DC	1.25 A	-30~50°C	50~60 Hz	15 W	162 x 28 x 20 mm	0.17 kg	● ●
Electra 3612	01-009-004-12-36	170~250 V AC	12 V DC	3.0 A	-25~50°C	50~60 Hz	36 W	148 x 40 x 30 mm	0.280 kg	● ●
Electra 3624	01-009-004-24-36	170~250 V AC	24 V DC	1.5 A	-25~50°C	50~60 Hz	36 W	148 x 40 x 30 mm	0.280 kg	● ●
Electra 6012	01-009-004-12-60	170~250 V AC	12 V DC	5.0 A	-25~50°C	50~60 Hz	60 W	166 x 42 x 34 mm	0.39 kg	● ●
Electra 6024	01-009-004-24-60	170~250 V AC	24 V DC	2.5 A	-25~50°C	50~60 Hz	60 W	166 x 42 x 34 mm	0.39 kg	● ●
Electra 10012	01-009-004-12-100	170~250 V AC	12 V DC	8.33 A	-25~50°C	50~60 Hz	100 W	190 x 52 x 37 mm	0.640 kg	● ●
Electra 10024	01-009-004-24-100	170~250 V AC	24 V DC	4.16 A	-25~50°C	50~60 Hz	100 W	190 x 52 x 37 mm	0.640 kg	● ●
Electra 15012	01-009-004-12-150	170~250 V AC	12 V DC	12.5 A	-25~50°C	50~60 Hz	150 W	190 x 63 x 38 mm	0.720 kg	● ●
Electra 15024	01-009-004-24-150	170~250 V AC	24 V DC	6.5 A	-25~50°C	50~60 Hz	150 W	190 x 63 x 38 mm	0.720 kg	● ●

* Protections

● Short-circuit protection | ● Overload protection | ● Over voltage protection | ● Over temp. protection

Power supply

Electra Slim Plus



The Electra Slim Plus is a series of fixed-voltage mounting power supplies that are distinguished by their ultra-thin aluminium housing, high efficiency and full 100% load rating. With a high IP67 rating and a competitive price, these power supplies are the perfect choice for a variety of lighting applications, both indoor and outdoor.

Full load rating (100%)

Ensures stable operation even at maximum load.

High efficiency

Reduced energy loss in the conversion process for greater efficiency.

Overload and short-circuit protection

Guarantees safety and durability of the device.

Technical specifications

Model	Product code	Input voltage	Output voltage	Output current	Operating temp.	Frequency	Power	Dimensions	Weight	* Prot.
Electra Slim Plus 3012	01-009-007-12-030	170~250 V AC	12 V DC	2.5 A	-25~50°C	50~60 Hz	30 W	162 x 29 x 21 mm	0.170 kg	● ●
Electra Slim Plus 3024	01-009-007-24-030	170~250 V AC	24 V DC	1.25 A	-25~50°C	50~60 Hz	30 W	162 x 29 x 21 mm	0.170 kg	● ●
Electra Slim Plus 4512	01-009-007-12-045	170~250 V AC	12 V DC	3.75 A	-25~50°C	50~60 Hz	45 W	190 x 29 x 21 mm	0.235 kg	● ●
Electra Slim Plus 4524	01-009-007-24-045	170~250 V AC	24 V DC	1.88 A	-25~50°C	50~60 Hz	45 W	190 x 29 x 21 mm	0.235 kg	● ●
Electra Slim Plus 6012	01-009-007-12-060	170~250 V AC	12 V DC	5 A	-25~50°C	50~60 Hz	60 W	222 x 29 x 21 mm	0.240 kg	● ●
Electra Slim Plus 6024	01-009-007-24-060	170~250 V AC	24 V DC	2.5 A	-25~50°C	50~60 Hz	60 W	222 x 29 x 21 mm	0.240 kg	● ●
Electra Slim Plus 8012	01-009-007-12-080	170~250 V AC	12 V DC	6.67 A	-25~50°C	50~60 Hz	80 W	182 x 40 x 22 mm	0.310 kg	● ●
Electra Slim Plus 8024	01-009-007-24-080	170~250 V AC	24 V DC	3.34 A	-25~50°C	50~60 Hz	80 W	182 x 40 x 22 mm	0.310 kg	● ●
Electra Slim Plus 10012	01-009-007-12-100	170~250 V AC	12 V DC	8.33 A	-25~50°C	50~60 Hz	100 W	218 x 40 x 22 mm	0.390 kg	● ●
Electra Slim Plus 10024	01-009-007-24-100	170~250 V AC	24 V DC	4.17 A	-25~50°C	50~60 Hz	100 W	218 x 40 x 22 mm	0.390 kg	● ●
Electra Slim Plus 15012	01-009-007-12-150	170~250 V AC	12 V DC	12.5 A	-25~50°C	50~60 Hz	150 W	279 x 57 x 25 mm	0.680 kg	● ●
Electra Slim Plus 15024	01-009-007-24-150	170~250 V AC	24 V DC	6.25 A	-25~50°C	50~60 Hz	150 W	279 x 57 x 25 mm	0.680 kg	● ●
Electra Slim Plus 25012	01-009-007-12-250	190~250 V AC	12 V DC	20.83 A	-25~50°C	50~60 Hz	250 W	240 x 90 x 40 mm	1.460 kg	● ●
Electra Slim Plus 25024	01-009-007-24-250	190~250 V AC	24 V DC	10.42 A	-25~50°C	50~60 Hz	250 W	240 x 90 x 40 mm	1.460 kg	● ●
Electra Slim Plus 30012	01-009-007-12-300	190~250 V AC	12 V DC	25 A	-25~50°C	50~60 Hz	300 W	257 x 90 x 40 mm	1.570 kg	● ●
Electra Slim Plus 30024	01-009-007-24-300	190~250 V AC	24 V DC	12.5 A	-25~50°C	50~60 Hz	300 W	257 x 90 x 40 mm	1.570 kg	● ●
Electra Slim Plus 36012	01-009-007-12-360	190~250 V AC	12 V DC	30 A	-25~50°C	50~60 Hz	360 W	257 x 90 x 40 mm	1.570 kg	● ●
Electra Slim Plus 36024	01-009-007-24-360	190~250 V AC	24 V DC	15 A	-25~50°C	50~60 Hz	360 W	257 x 90 x 40 mm	1.570 kg	● ●

* Protections

● Short-circuit protection | ● Overload protection | ● Over voltage protection | ● Over temp. protection

Components Group

Economic | IP 67 | Warranty: ≥ 2 years



Power supply

LPH • LPV

LPH - LPV is a series of fixed-voltage mounting power supplies that combine high efficiency with reliability. With their hermetic housing and wide power and output voltage range, these power supplies are a versatile solution for a variety of lighting applications. Their durability and performance make them an ideal choice for both indoor and outdoor applications.

Hermetic housing
Protects against moisture, dust and harsh outdoor conditions.

High efficiency
Guarantees energy-saving and efficient operation.

Wide power and output voltage range
Easily adaptable to different installation requirements.

Technical specifications

Model	Product code	Input voltage	Output voltage	Output current	Operating temp.	Frequency	Power	Dimensions	Weight	* Prot.
LPV-35-5	05-009-009-01-05	90~264 V AC	5 V DC	5 A	-30~65°C	47~63 Hz	25 W	148 x 40 x 30 mm	0.34 kg	● ● ●
LPV-35-12	05-009-009-01-12	90~264 V AC	12 V DC	3 A	-30~65°C	47~63 Hz	36 W	148 x 40 x 30 mm	0.34 kg	● ● ●
LPV-35-24	05-009-009-01-24	90~264 V AC	24 V DC	1.5 A	-30~65°C	47~63 Hz	36 W	148 x 40 x 30 mm	0.34 kg	● ● ●
LPH-18-12	05-009-008-01-12	180~264 V AC	12 V DC	1.5 A	-30~70°C	47~63 Hz	18 W	140 x 30 x 22 mm	0.175 kg	● ● ● ●
LPH-18-24	05-009-008-01-24	180~264 V AC	24 V DC	0.75 A	-30~70°C	47~63 Hz	18 W	140 x 30 x 22 mm	0.175 kg	● ● ● ●
LPV-60-5	05-009-010-01-05	90~264 V AC	5 V DC	8 A	-30~70°C	47~63 Hz	40 W	163 x 43 x 32 mm	0.4 kg	● ● ●
LPV-60-12	05-009-010-01-12	90~264 V AC	12 V DC	5 A	-30~70°C	47~63 Hz	60 W	163 x 43 x 32 mm	0.4 kg	● ● ●
LPV-60-24	05-009-010-01-24	90~264 V AC	24 V DC	2.5 A	-30~70°C	47~63 Hz	60 W	163 x 43 x 32 mm	0.4 kg	● ● ●
LPV-100-5	05-009-011-01-05	90~264 V AC	5 V DC	12 A	-25~70°C	47~63 Hz	60 W	190 x 52 x 37 mm	0.63 kg	● ● ●
LPV-100-12	05-009-011-01-12	90~264 V AC	12 V DC	8.5 A	-25~70°C	47~63 Hz	102 W	190 x 52 x 37 mm	0.63 kg	● ● ●
LPV-100-24	05-009-011-01-24	90~264 V AC	24 V DC	4.2 A	-25~70°C	47~63 Hz	100.8 W	190 x 52 x 37 mm	0.63 kg	● ● ●
LPV-150-12	05-009-012-01-12	180~305 V AC	12 V DC	10 A	-25~65°C	47~63 Hz	120 W	191 x 63 x 37 mm	0.74 kg	● ● ●
LPV-150-24	05-009-012-01-24	180~305 V AC	24 V DC	6.3 A	-25~65°C	47~63 Hz	151.2 W	191 x 63 x 37 mm	0.74 kg	● ● ●

* Protections

● Short-circuit protection | ● Overload protection | ● Over voltage protection | ● Over temp. protection

Components Group | Type: **Plug-in** | Plug-in: **DC 5,5 x 2,1** | **IP 40** | Warranty: **2 years**

Plug-in power supply

Nest 12 V

Nest 12 V is a series of socket power supplies, ideal for small LED implementations and powering compatible electronic devices. These power supplies are distinguished by their compact design, DC connector and optional power switch on the cable, making them an extremely convenient and versatile solution. In addition, they provide very good heat dissipation for reliable and stable operation.



Optional on/off switch on the cable
Additional convenience of use.

Very good heat dissipation
Stability and performance even with prolonged use.

DC connector
Universal and easy to connect to compatible devices.

Technical specifications

Model	Product code	Input voltage	Output voltage	Output current	Operating temp.	Frequency	Power	Dimensions	Weight	* Prot.	IP	Cable length
Nest 24	04-009-008-24-12	220~240 V AC	12 V DC	2.0 A	0~35°C	50~60 Hz	24 W	58 x 37 x 28 mm	0.08 kg	● ●	IP40	2 m
Nest 36	04-009-008-36-12	220~240 V AC	12 V DC	3.0 A	0~35°C	50~60 Hz	36 W	76 x 44 x 32 mm	0.14 kg	● ●	IP40	2 m
Nest 12-12B	04-009-007-12	180~240 V AC	12 V DC	1 A	0~35°C	50~60 Hz	12 W	60 x 37 x 27 mm	0.11 kg	● ●	IP40	2 m
Nest 24-12B	04-009-002-24-15	180~240 V AC	12 V DC	2.0 A	0~40°C	50~60 Hz	24 W	69 x 43 x 28 mm	0.13 kg	● ●	IP40	1.5 m

The power supplies does not have a switch

* Protections

- Short-circuit protection
- Overload protection
- Over voltage protection
- Over temp. protection

Components Group | Type: **Plug-in** | Plug-in: **DC 5,5 x 2,1** | **IP 40** | Warranty: **2 years**

Plug-in power supply

Nest 24 V

Nest 24 V is a series of socket power supplies designed for small LED projects and powering compatible electronic devices. The compact design, DC connector and optional in-line power switch make the Nest 24 V power supplies a convenient and versatile solution. In addition, they feature very good heat dissipation for reliable and long-lasting operation.



Optional on/off switch on the cable
Additional convenience of use.

Very good heat dissipation
Stability and performance even with prolonged use.

DC connector
Universal and easy to connect to compatible devices.

Technical specifications

Model	Product code	Input voltage	Output voltage	Output current	Operating temp.	Frequency	Power	Dimensions	Weight	* Prot.	Cable length
Nest 24	04-009-008-24-24	220~240 V AC	24 V DC	1.0 A	0~35°C	50~60 Hz	24 W	58 x 37 x 28 mm	0.08 kg	● ●	2 m
Nest 36	04-009-008-36-24	220~240 V AC	24 V DC	1.5 A	0~35°C	50~60 Hz	36 W	76 x 44 x 32 mm	0.14 kg	● ●	2 m
Nest 36-24B	04-009-006-36-15	180~240 V AC	24 V DC	1.5 A	0~35°C	50~60 Hz	36 W	80 x 51 x 33 mm	0.13 kg	● ●	1,5 m

The power supply does not have a switch

* Protections

- Short-circuit protection
- Overload protection
- Over voltage protection
- Over temp. protection

Why Bergmen?

Choosing Bergmen gives you access to a team of experts in the field of lighting, ready to provide professional advice.

Enjoy the knowledge and experience not just of one caretaker, but of an entire group of specialists, without the need to engage multiple contractors.

Working with us ensures support at every stage of your order.

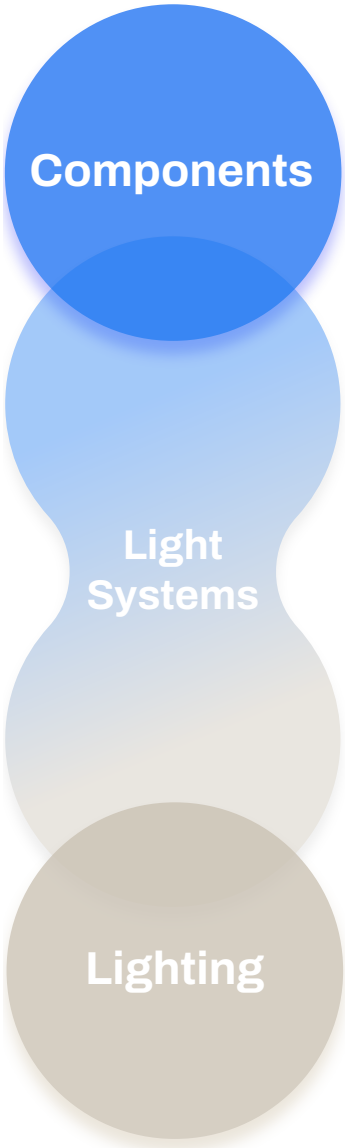
Team Bergmen

Discover our full range of products

Our extensive range of products is designed to meet your needs - even in the most advanced lighting projects.

Components

these are comprehensive components and parts for building lighting systems



- LED modules
- LED strips
- Power supplies
- Neon Flex
- Lighting controls
- Aluminum profiles and composite panels

Light Systems

these are integrated lighting systems, constructed from the best components from our Components and Lighting lines.

- my**frame**
- Neon Flex Multi One
- Light-Edge System
- Backlit OWZ frames
- MiBoxer System
- P-Light Pro System

Lighting

these are specialized fixtures and light sources dedicated specifically to the investment sector.

- Indoor - LED fixtures and lamps
- Outdoor - LED lamps
- LED light sources

Custom-made lighting systems

Our lighting products are just the beginning of what we can offer you. We specialize in producing custom-made lighting systems using a wide range of components available in our portfolio. This enables us to create lighting systems perfectly tailored to the specific requirements of any investment or project.

Configuration customization

The ability to customize every element of the lighting system, including profiles, LED strips, modules, neon flex, power supplies, and accessories, to perfectly meet the needs of the project.

Cutting aluminum profiles to size

We offer precision cutting services for aluminum profiles, allowing for perfect customization to specific dimensions required for your investment.

Fast order fulfillment

Our large inventory and wide range of products enable us to fulfill orders quickly, regardless of their size and complexity.

Quality guarantee

Each of our solutions is rigorously tested for safety and efficiency to meet all lighting standards and expectations.

Logistics and component delivery coordination

We manage the logistics of delivering all components of the lighting system to the installation site.

Technical support and consulting

Our team of experts is available to provide technical support and advise on selecting the best solutions tailored to the specific requirements of each project.



Measurement services

Our photometric measurement services are an integral part of implementing lighting projects for our clients. We offer precise planning, calculations, and visualizations of lighting for both indoor and outdoor environments. Our services include comprehensive projects and individual solutions for single rooms, enabling us to deliver project documentation that meets global standards in lighting design.

Our services include, among others:

Measurement of luminous flux and generation of photometric curves

It allows for precise determination of the shape and intensity of light in different directions, which is essential for planning effective and uniform lighting.

Distribution of LDT and IES light data

These are data used for computer simulations in lighting design. This information allows for precise modeling of lighting effects before actual installation.

Beam angle

It provides information about the degree of light dispersion from a given source. This is important in the design of accent or task lighting, where it is crucial to focus light on specific areas.

Luminous efficacy

This is the ratio of the emitted luminous flux from a source to the electrical power consumed. It is a measure of the efficiency of light sources and a key parameter in assessing the energy and cost efficiency of different types of lighting.

Electrical power and power factor

It indicates how efficiently a light source utilizes electrical energy, which impacts overall operating costs.

Flicker rating and stroboscopic effect

Assessing these parameters allows understanding the risk of light flicker perception and potential light disturbances that can affect the comfort and health of users. This is particularly important in workplaces where light flicker can lead to eye strain or other discomforts.

Additionally, we offer measurements of colorimetric parameters, such as:

Spectral distribution and correlated color temperature (CCT)

They determine how warm or cool the light is, which directly impacts the atmosphere and functionality of the space.

Color Rendering Index (CRI)

It's a measure of how naturally colors are rendered under the light of a given source, which is especially important in places where color perception is critical, such as art galleries or clothing stores.

Chromaticity coordinates and MacAdam ellipses

They allow you to determine the specific color of light, while MacAdam ellipses indicate the repeatability of that color, enabling color consistency across different light sources.

Contact us

If you have any questions, we are here to help.

Choose the most convenient way to contact us, and we will respond to your inquiries as soon as possible.

We're here to illuminate your needs!

Team Bergmen

BERGMEN Sp. z o.o.

ul. rtm. Witolda Pileckiego 4,
32-050 Skawina, Poland

+48 453 018 760
export@bergmen.pl
bergmen.pl/en