GLP

GLOBAL LEADER POWER

LED product catalogue

2018

About GLP

The Global Leader Power brand was created in 2012 as a direct response to LED and Automation market customer needs. It is based on the foundations and experience of Middle Europe's biggest LED driver supplier. Our products are now available all over the European continent.

We are proud to be cooperating on our designs with the biggest SMPS manufacturer in the World – Delta Electronics.

Our goal is to deliver products that fulfill the restrict requirements of LED market, which is our priority. Compared to other products available on the market today, all Global Leader Power are characterized by innovative PCB Design, high quality components, well established standard dimensions, and a very competitive price to quality ratio.

Most of our products are offered with a 5 year warranty, which is exceptional on the global market among professional LED drivers. We wish our customers to take part in the most demanding projects possible all across Europe.

Our motto is: no compromise and clear cooperation and distribution principles, supported by responsible Brand recognition management. One of fundamental goals of Global Leader Power is to become a strong, independent of large international syndicates, Pan European brand, that is able to compete with Eastern brands, who's policy is inconsistent, quality is arguable and the responsibility for their products sold in Europe is equal to none.
The European market experienced in this regard leave a large field for improvement and the answer to this improvement is the Global Leader Power brand.

We welcome you to contact with our European representatives.

Our portfolio also includes AGM batteries – should you be interested, please feel free to contact your local distributor.

Global Leader Power has already sold over 2 million units, that work on the European market.

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GLTP series

POWERED BY MOSO®

GPV 12–200 W waterproof (IP67)

Features:

- *Constant voltage design*
- *Universal AC input / Full range (except GPV-18)*
- *Voltage versions: 5 V, 12 V, 15 V, 24 V & 36 V*
- *Cooling by free air convection*
- *100% full load burn-in test*
- *Isolation class II*
- *Fully encapsulated with IP67 level*
- *Excellent quality / price ratio*
- *Up to 5 years warranty*

IP67 CE SELV

	Photo	DC voltage	Rated current	Rated power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
GPV-12		12 V	1 A	12 W	short circuit, over current, over voltage	EN 55015, EB 61347-2-13	-30°C – +70°C	129.5 x 25 x 20 mm	0.13 kg
		24 V	0.50 A						
GPV-18		12 V	1.5 A	18 W	short circuit, over current			129.5 x 25 x 21 mm	0.15 kg
		24 V	0.75 A						
GPV-20		5 V	3 A	20 W	short circuit, over current, over voltage, over temperature			140 x 32 x 25 mm	0.20 kg
		12 V	2 A						
		15 V	1.33 A						
		24 V	1 A						
GPV-35		5 V	6 A	30 W	short circuit, over current, over voltage			148 x 32 x 28 mm	0.20 kg
		12 V	3 A	36 W					
		15 V	2.4 A						
		24 V	1.5 A						
		36 V	1 A						
GPV-50		12 V	4.2 A	50.4 W	short circuit, over current, over voltage, over temperature			148 x 40 x 34 mm	0.34 kg
		24 V	2.1 A						
GPV-60		5 V	10 A	50 W	short circuit, over current, over voltage			162 x 42 x 33 mm	0.39 kg
		12 V	5 A	60 W					
		15 V	4 A						
		24 V	2.5 A						
		36 V	1.67 A						
GPV-75		12 V	6 A	72 W	short circuit, over current, over voltage			162 x 42 x 33 mm	0.38 kg
		24 V	3 A						
GPV-100		12 V	8.3 A	99.6 W	short circuit, over current, over voltage, over temperature			187 x 52 x 37 mm	0.62 kg
		24 V	4.2 A	100.8 W					
		36 V	2.8 A						
GPV-150		12 V	10 A	120 W				203 x 70 x 45 mm	1.15 kg
		24 V	6.25 A	150 W					
GPV-200		12 V	16 A	192 W				205 x 70 x 45 mm	1.2 kg
		24 V	8.3 A	200 W					

GPC 9–60 W waterproof (IP67)

Features:

- *Constant current design*
- *Universal AC input / Full range*
- *Output current versions: 350mA, 700mA, 1050mA, 1400mA, 1750mA*
- *Cooling by free air convection*
- *100% full load burn-in test*
- *Isolation class II*
- *Fully encapsulated with IP67 level*
- *Excellent quality / price ratio*
- *Up to 5 years warranty*

IP67 CE LPS

	Photo	Voltage range	Rated current	Rated power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
GPC-9		3~24 V	350 mA	8.4 W	short circuit, over temperature	EN 55015, EB 61347-2-13	-30°C – +70°C	129.5 x 25 x 20 mm	0.13 kg
		2~12 V	700 mA						
GPC-20		9~48 V	350 mA	16.8 W	short circuit			140 x 32 x 25 mm	0.20 kg
		3~28 V	700 mA	19.6 W					
GPC-35		30~80 V	350 mA	28 W				149 x 32 x 28 mm	0.25 kg
		9~48 V	700 mA	33.6 W					
		9~30 V	1050 mA	31.5 W					
		9~24 V	1400 mA	33.6 W					
GPC-60		12~60 V	1050 mA	63 W				162 x 42 x 33 mm	0.36 kg
		9~42 V	1400 mA	58.8 W					
		9~36 V	1750 mA	63 W					

GPF 20–60 W waterproof (IP67)

Features:

- *CC mode power supply*
- *Universal AC input / Full range*
- *Built-in 3 in 1 dimming function: 0-10V or PWM or resistance*
- *Cooling by free air convection*
- *100% full load burn-in test*
- *Isolation class II*
- *Fully encapsulated with IP67 level*
- *Excellent quality / price ratio*
- *Up to 3 years warranty*

IP67 CE LPS

	Photo	Voltage range	Rated current	Rated power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
GPF-25D		44~72 V	350 mA	25.2 W	short circuit, over current, over voltage, over temperature	EN 55015, EN61347-2-13, EN61000-3-2 class C	-30°C – +70°C	138 x 43 x 34 mm	0.30 kg
		22~36 V	700 mA						
		15~24 V	1050 mA						
GPF-40D		72~120 V	350 mA	42 W	short circuit, over current, over voltage			153 x 43 x 34 mm	0.40 kg
		36~60 V	700 mA						
		24~40 V	1050 mA						
		18~30 V	1400 mA						
		15~24 V	1750 mA						
GPF-60D		40~80 V	700 mA	56 W	short circuit, over current		-30°C – +70°C	168 x 44 x 34 mm	0.44 kg
		30~60 V	1050 mA	63 W					
		22~42 V	1400 mA	58.8 W					
		20~36 V	1750 mA	63 W					
		14~28 V	2100 mA	58.8 W					
		12~24 V	2450 mA						

GPVP **20–60 W** waterproof (IP67)

Features:

- *Constant voltage design*
- *Universal AC input / Full range*
- *Built-in active PFC function, PF > 0.9*
- *Cooling by free air convection*
- *100% full load burn-in test*
- *Isolation class II*
- *Fully encapsulated with IP67 level*
- *Excellent quality / price ratio*
- *Up to 3 years warranty*

IP67 CE SELV

	Photo	DC voltage	Rated current	Rated power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
GPVP-20		12 V	2 A	24 W	short circuit, over current, over voltage, over temperature	EN 55015, EN61347-1, EN61347-2-13	-20°C – +70°C	140 x 32 x 25 mm	0.21 kg
		24 V	1 A						
GPVP-35		12 V	3 A	36 W	short circuit, over current		-30°C – +70°C	149 x 32 x 28 mm	0.23 kg
		24 V	1.5 A						
GPVP-60		12 V	5 A	60 W	short circuit, over current			162 x 42 x 33 mm	0.40 kg
		24 V	2.5 A						

GPCP **20–60 W** waterproof (IP67)

Features:

- *Constant current design*
- *Universal AC input / Full range*
- *Built-in active PFC function*
- *Cooling by free air convection*
- *Output current versions: 350 mA, 700 mA, 1050 mA, 1250 mA, 1400 mA, 1750 mA, 2100 mA*
- *100% full load burn-in test*
- *Isolation class II*
- *Fully encapsulated with IP67 level*
- *Excellent quality / price ratio*
- *Up to 3 years warranty*

IP67 CE LPS

	Photo	Voltage range	Rated current	Rated power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
GPCP-20		12~48 V	350 mA	16.8 W	short circuit, over current, over voltage, over temperature	EN 55015, EN61347-1, EN61347-2-13	-20°C – +70°C	140 x 32 x 25 mm	0.21 kg
		9~30 V	700 mA	21 W					
GPCP-35		40~80 V	350 mA	28 W	short circuit, over current		-30°C – +70°C	149 x 32 x 28 mm	0.23 kg
		24~48 V	700 mA	33.6 W					
		16~32 V	1050 mA						
		12~24 V	1400 mA						
GPCP-60		40~80 V	700 mA	56	short circuit, over current			162 x 42 x 33 mm	0.40 kg
		30~60 V	1050 mA	63 W					
		24~47 V	1250 mA						
		20~42 V	1400 mA	58.8 W					
		18~36 V	1750 mA						
		16~30 V	2100 mA	63 W					

GLG 60–300 W waterproof (IP65, IP67)

Features:

- *CV + CC mode power supply (except GLG-300)*
- *Universal AC input / Full range*
- *Built-in active PFC function*
- *Cooling by free air convection*
- *100% full load burn-in test*
- *Fully encapsulated with IP67*
- *Built-in potentiometers to adjust output voltage and current*
- *Up to 3 years warranty*

IP65/67 CE SELV

	Photo	DC voltage	Rated current	Rated power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
GLG-60		12 V	5 A	60 W	short circuit, over current, over voltage	EN 55015, EN61347-2-13, EN61000-3-2 class C	-30°C – +70°C	175 x 56 x 38 mm	0.70 kg
		24 V	2.5 A						
GLG-100		12 V	8.5	102 W	short circuit, over current, over voltage, over temperature			216 x 66 x 40 mm	0.95 kg
		24 V	4.2 A	100.8 W					
GLG-150		12 V	12.5 A	150 W				221 x 70 x 45 mm	1.15 kg
		24 V	6.3 A	151.2 W					
GLG-200		12 V	16.6 A	199.2 W				242 x 96 x 50 mm	1.80 kg
		24 V	8.33 A	199.92 W					
GLG-300		12 V	25 A	300 W				285 x 96 x 50 mm	2.20 kg
		24 V	12.5 A						

DLG 100–200 W waterproof (IP67)

Features:

- *Designed and manufactured for GLP by Delta Electronics®*
- *Constant voltage design*
- *Universal AC input / Full range*
- *Voltage versions: 12 V, 24 V & 36 V*
- *Cooling by free air convection*
- *100% full load burn-in test*
- *Isolation class II (class I - DLG-150-24, DLG-150-36 & DLG-200-24)*
- *Fully encapsulated with IP67 level*
- *Up to 5 years warranty*

IP67 CE c UL us E336604

	Photo	DC Voltage	Rated current	Rated power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
DLG-100		12 V	8.33 A	100 W	short circuit, over current, over voltage, over temperature	EN 55015, EN61347-2-13, EN61000-3-2 Class C	-25°C – +50°C	246 x 60 x 34 mm	0.90 kg
DLG-150		12 V	12.5 A	150 W				256 x 68 x 37 mm	1.14 kg
		24 V	6.25 A		short circuit, over current, over voltage		-40°C – +60°C	240 x 69 x 38.5 mm	1.24 kg
		36 V	4.17 A					240 x 69 x 38.5 mm	1.22 kg
DLG-200		24 V	8.3 A	200 W				305 x 69 x 38.5 mm	1.50 kg

DPV/DMV 20–100 W (IP54)

Features:

- *Designed and manufactured for GLP by Delta Electronics®*
- *Constant voltage design*
- *Universal AC input / Full range*
- *Voltage versions: 12 V & 24 V*
- *Cooling by free air convection*
- *100% full load burn-in test*
- *Built-in 2 in 1 dimming function: 0-10 V or resistance (DMV-60D & DMV-80D)*
- *Isolation class II*
- *PWM style dimming output*
- *Up to 5 years warranty*

IP54 CE c UL us E336604 SELV

	Photo	DC voltage	Rated current	Rated power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
DPV-20		12 V	12.5 A	20 W	short circuit, over current, over voltage, over temperature	EN 55015, EN61347-2-13, EN61000-3-2 Class C	-40°C – +60°C	134.4 x 34 x 25.4 mm	0.18 kg
		24 V	0.85 A						
DMV-60		12 V	5 A	60 W	short circuit, over current, over voltage		-30°C – +60°C	241.3 x 43.1 x 30 mm	0.63 kg
DMV-60D		12 V							0.64 kg
DMV-80D		24 V	3.3 A	80 W					0.65 kg
DMV-100		24 V	4.1 A	100 W	short circuit, over current, over voltage, over temperature		-40°C – +60°C		0.63 kg
DMVL-100		24V	4.1 A	99.6 W			-25°C – +70°C	280 x 43.1 x 27.5 mm	0.65 kg

DPCR/DMC 16–40 W (IP54)

Features:

- *Designed and manufactured for GLP by Delta Electronics®*
- *Constant current design*
- *Universal AC input / Full range*
- *Output current versions: 400 mA, 700 mA & 1050 mA*
- *Cooling by free air convection*
- *100% full load burn-in test*
- *Buit-in dimming function: 0-10 V (DMC)*
- *Isolation class II*
- *IP 54 (for DPCR-16-400)*
- *Up to 5 years warranty*

IP67 CE c UL us E336604

	Photo	Voltage range	Rated current	Rated power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
DPCR-16-400		21~40 V	400 mA	16 W	short circuit, over voltage, over temperature	EN 55015, EN61347-2-13, EN61000-3-2 Class C	-20°C – +50°C	79 x 77 x 26 mm	0.18 kg
DMC-40D		32~55 V	700 mA	38.5 W			-40°C – +55°C	241.3 x 33 x 25.4 mm	0.40 kg
		26~38 V	1050 mA	39.9 W					

PCC 9–60 W

Features:

- *Constant current design*
- *Selectable output current*
- *Built-in active PFC function*
- *Universal AC input / Full range (except PCC09W)*
- *Cooling by free air convection*
- *Built-in DALI interface (PCC40W-DC-DALI)*
- *Isolation class II*
- *AC Phase cut dimming (PCC09W)*
- *Up to 5 years warranty*

	Photo	Voltage range	Rated current	Rated power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
PCC09W-DC--TDIM-700		7.5~13 V	700 mA	9.1 W	short circuit, over current, over voltage, over temperature	EN 55015, EN61347-2-13, EN61000-3-2 Class C	-10°C – +50°C	105 x 42 x 24 mm	0.065 kg
PCC40W-MC--MATCH-900		22~45 V	350 mA 500 mA 700 mA 900 mA	40.5 W	short circuit, over current, over voltage		-20°C – +60°C	121 x 81 x 28 mm	0.23 kg
PCC40W-MC--MATCH-1400		16~28 V	700 mA 900 mA 1050 mA 1400 mA						
PCC60W-MC--MATCH-1400		20~42 V	700 mA 900 mA 1050 mA 1400 mA	58.8 W	short circuit, over current, over voltage				
PCC40W-DC--DALI		60~110 V 30~57 V 20~38 V 15~28 V	350 mA 700 mA 1050 mA 1400 mA	40 W	short circuit, over voltage		-30°C – +60°C	123 x 81 x 28 mm	

PCL 35–80 W

Features:

- *Constant current design*
- *Universal AC input range*
- *Cooling by free air convection*
- *Selectable output current*
- *Isolation class I*
- *Up to 5 years warranty*

	Photo	Voltage range	Rated current	Rated power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
PCL35W-MC--Match-700		27~54 V	500 mA 600 mA 700 mA	13.5~54 W	short circuit, overload, over temperature	EN 55015, EN61347-2-13, EN61000-3-2	-20°C – +50°C	282 x 30 x 21.5 mm	0.25 kg
PCL50W-MC--Match-1050			800 mA 925 mA 1050 mA	23~55 W					0.36 kg
PCL80W-MC--Match-1550			1200 mA 1400 mA 1550 mA	32~83 W					0.38 kg

GTPC 8–50 W

Features:

- *Constant voltage design*
- *Universal AC input range*
- *Cooling by free air convection*
- *100% full load burn-in test*
- *Terminal block for quick connection*
- *Isolation class II*
- *Flat design*
- *Up to 5 years warranty*

	Photo	Voltage range	Rated current	Rated power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
GTPC-8-12		12 V	0.67 A	8 W	short circuit, over temperature	EN 55015, EN61347-2-13, EN61000-3-2 Class C	-20°C – +50°C	108 x 35 x 21.5 mm	0.04 kg
GTPC-15-12			1.25 A	15 W				113 x 44 x 20 mm	0.08 kg
GTPC-30-12			2.5 A	30 W				182 x 44 x 16 mm	0.12 kg
GTPC-50-12			5 A	50 W				60 x 180 x 24 mm	0.26 kg

GWP 600 W

Features:

- *Power supply from European voltage 230Vac*
- *Triple output design 5V, 12V & 24V*
- *Cooling by free air convection*
- *Screw terminals*
- *LED DC OK indicator*
- *Aluminum housing*
- *High efficiency*
- *Up to 5 years warranty*

	Photo	Output voltage	Input Voltage	Current rating	Tuning 5V voltage	Output power max	Output power	Efficiency	Working temperature	Dimensions (L x W x H)	We-ight
GWP-600		5 V	100–120Vac / max. 2.08 A	10 A	4,75 – 5,5Vdc	104 W	100 W	80 %	0°C – +40°C	98 x 52 x 199 mm	0.04 kg
		12 V		2 A							
		24 V	200–120Vac / max. 1.70 A	1.25 A							

GLSV 35–320 W

Features:

- *Constant voltage design*
- *Bulit-in active PFC function, PF>0,96 (@230VAC, full load)*
- *Surge immunity: DM-5KV, CM-10KV*
- *IP67 design for indoor and outdoor applications*
- *Isolation class I*
- *Up to 5 years warranty*

	Photo	Output Voltage	Output current	Output power	Protections	Safety & EMC regulations	Working temperature	Dimensions (L x W x H)	Weight
GLSV-035B		12 V 24 V 36 V 48 V	2.92 A 1.46 A 0.98 A 0.73 A	35 W	short circuit, over voltage, overload, over temperature	EN 55015, EN61000-3-2	-40°C – +70°C	199 x 42.5 x 34 mm	510 ± 50g
GLSV-050B		12 V 24 V 36 V 48 V	4.17 A 2.10 A 1.40 A 1.05 A	50 W					
GLSV-075B		12 V 24 V 36 V 48 V	6.25 A 3.13 A 2.08 A 1.56 A	75 W			-40°C – +60°C	164 x 68 x 39 mm	680 ± 50g
GLSV-100B		12 V 24 V 36 V 48 V	8.33 A 4.17 A 2.78 A 2.08 A	100 W				178 x 68 x 39 mm	775 ± 50g
GLSV-150B		12 V 24 V 36 V 48 V	12.50 A 6.25 A 4.17 A 3.13 A	150 W				207 x 68 x 39 mm	900 ± 50g
GLSV-200B		12 V 24 V 36 V 48 V	16.67 A 8.33 A 5.56 A 4.17 A	200 W				(12 V & 24 V) 232 x 68 x 43.5 mm (36 V & 48 V) 232 x 68 x 43.5 mm	1350 ± 100g
GLSV-300B		12 V 24 V 36 V 48 V	22.00 A 13.33 A 8.90 A 6.67 A	320 W				234 x 98 x 40 mm	1750 ± 100g

GLP Professional Line - CC, CV, CC+CP

POWERED BY MOSO®

GEHC

IP67 PFC CC 6kV 4kV

Wattage: 26W~150W

Constant current LED power supply – I class, IP67

GLDP

DIM PROG 10kV 5kV IP67 CC+CP PFC

5 years

Wattage: 42W~320W

Constant current with constant power output, programmable LED (time dimming) power supply with dimming function 0-10V (10-100%) / PWM (option) – I class, IP67

GLHP

DIM PROG 6kV 4kV IP67 CC+CP PFC HV

5 years

Wattage: 60W~200W

Constant current with constant power output, programmable LED (time dimming) power supply with dimming function 0-10V (10-100%) / PWM (option) – I class, IP67, Uin = 249-528VAC

GLCP

DIM to 0 PROG 5kV IP67 CC+CP PFC DALI

5 years ErP

Wattage: 75W~240W

Constant current with constant power output, programmable LED (time dimming) power supply with dimming function 0-10V (0-100%) / PWM (option) or DALI – II class, IP67

GLUP

DIM to 0 PROG 10kV 5kV IP67 CC+CP PFC DALI

5 years ErP

Wattage: 75W~240W

Constant current with constant power output, programmable LED (time dimming) power supply with dimming function 0-10V (0-100%) / PWM (option) or DALI – I class, IP67

GLTP

DIM 6kV 4kV IP65 CC+CP PFC

5 years

Wattage: 100W~240W

Constant current with constant power output LED power supply with dimming function 0-10V (1-100%) / PWM (option) or DALI fo high bay lighting – I class, IP67

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Distributor:

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