

# LED product catalogue

2024



# About GLP

The Global Leader Power (GLP) brand was formed in 2012 as a direct response to the lighting and automation markets' needs. Our broad offer is based on 20-year experience of Middle Europe's Leading company in power supplies in general: MPL POWER ELEKTRO. Our products are available all over Europe, and currently work in thousands of applications all around the world.

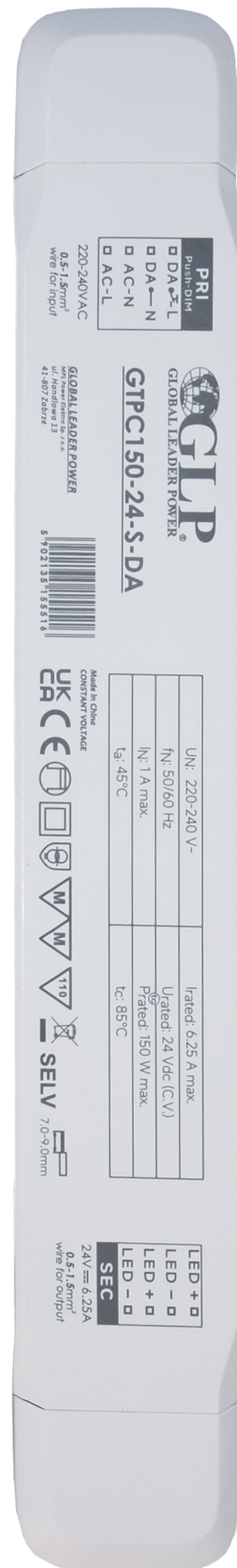
Our goal is to deliver product that fulfils requirements of both industrial market and cost effective solution as well. Compared to alternatives on the market, GLP SMPS (Switching Mode Power Supply) are characterised by innovative technology, high-quality components, well established standard dimensions 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 amid professional LED drivers. We wish our customers to take part in the most demanding projects possible.

Our motto is: clear cooperation and distribution principles supported by responsible Brand recognition management. One of the fundamental goals of Global Leader Power is to become a strong European Brand that is independent of large international syndicates. The main target is to be able to compete with Eastern brands whose policy and quality are arguable.

The vast Professional Power Supply market in Europe leaves a large field for improvement and growth possibilities for your business with The Global Leader Power!

We welcome you to contact our European representatives.



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# GPV 12 – 200 W waterproof (IP67)

## Features:

- Universal AC input / Full range (except GPV-18)
- Constant voltage design
- 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



|          | 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                   | EN55015, EN61347-2-13                   |                     | 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                                 | EN55015, EN61347-2-13                   |                     | 129.5 x 25 x 21 mm     | 0.15 kg |
|          | 24 V       | 0.75 A        |             |   |   |                     |                        |         |
| GPV-20   | 5 V        | 3 A           | 15 W        | short circuit, over current, over voltage, over temperature | EN55015, EN61347-2-13, UL62368-1 (24V)  |                     | 140 x 32 x 25 mm       | 0.20 kg |
|          | 12 V       | 2 A           | 24 W        |   |   |                     |                        |         |
|          | 15 V       | 1.33 A        | 20 W        |   |   |                     |                        |         |
| GPV-35   | 5 V        | 6 A           | 36 W        | short circuit, over current, over voltage                   | EN55015, EN61347-2-13, UL62368-1 (24V)  |                     | 148 x 32 x 28 mm       | 0.20 kg |
|          | 12 V       | 3 A           |             |   |   |                     |                        |         |
|          | 15 V       | 2.4 A         |             |   |   |                     |                        |         |
|          | 24 V       | 1.5 A         |             |   |   |                     |                        |         |
| GPV-50   | 12 V       | 4.2 A         | 50.4 W      | short circuit, over current, over voltage, over temperature | EN55015, EN61347-2-13                   |                     | 148 x 40 x 34 mm       | 0.34 kg |
|          | 24 V       | 2.1 A         |             |   |   |                     |                        |         |
| GPV-60   | 5 V        | 8 A           | 60 W        | short circuit, over current, over voltage                   | EN55015, EN61347-2-13, UL62368-1 (24 V) |                     | 162 x 42 x 33 mm       | 0.39 kg |
|          | 12 V       | 5 A           |             |   |   |                     |                        |         |
|          | 15 V       | 4 A           |             |   |   |                     |                        |         |
|          | 24 V       | 2.5 A         |             |   |   |                     |                        |         |
| GPV-75   | 12 V       | 6 A           | 72 W        | short circuit, over current, over voltage                   | EN55015, EN61347-2-13                   |                     | 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 | EN55015, EN61347-2-13, UL62368-1 (24 V) |                     | 187 x 52 x 37 mm       | 0.62 kg |
|          | 24 V       | 4.2 A         | 100.8 W     |   |   |                     |                        |         |
|          | 36 V       | 2.8 A         |             |   |   |                     |                        |         |
| GPV-120  | 12 V       | 10 A          | 120 W       | short circuit, over current, over voltage, over temperature | EN55015, EN61347-2-13                   |                     | 203 x 70 x 45 mm       | 1.15 kg |
|          | 24 V       | 5 A           |             |   |   |                     |                        |         |
| GPV-150N | 12 V       | 12.5 A        | 150 W       | short circuit, over current, over voltage, over temperature | EN55015, EN61347-2-13                   |                     | 203 x 70 x 45 mm       | 1.15 kg |
| GPV-150  | 24 V       | 6 A           |             |   |   |                     |                        |         |
| GPV-200  | 12 V       | 16 A          | 192 W       | short circuit, over current, over voltage, over temperature | EN55015, EN61347-2-13                   |                     | 205 x 70 x 45 mm       | 1.2 kg  |
|          | 24 V       | 8.3 A         | 200 W       |   |   |                     |                        |         |

# GEMC 75 – 320 W waterproof (IP67)

## Features:

- Universal AC input / Full range
- Single channel output with CV direct current
- Built-in active PFC function
- Meet DALI protocol IEC 62386-207
- Support Touch DIM (Push DIM) function
- Ultra-thin design
- Waterproof level IP67
- Up to 5 years warranty









|                    | DC voltage | Rated current | Rated power | Protections   | Safety & EMC regulations   | Working temperature | Dimensions (L x W x H) | Weight  |
|--------------------|------------|---------------|-------------|---|--|---------------------|------------------------|---------|
| <b>GEMC-75-DA</b>  | 12 V       | 6.25 A        | 75 W        | short circuit, overload, over voltage, lightning protection | EN55015, EN61347-1, EN61347-2-13, EN61000-4-2, -3, -4, -5, -6, -8, -11, EN61000-3-3, EN61000-3-2 Class C | -25°C – +60°C       | 290 x 61 x 25 mm       | 0.82 kg |
|                    | 24 V       | 3.13 A        |             |   |  |                     |                        |         |
| <b>GEMC-100-DA</b> | 12 V       | 8.34 A        | 100 W       |   |  |                     |                        |         |
|                    | 24 V       | 4.17 A        |             |   |  |                     |                        |         |
| <b>GEMC-150-DA</b> | 12 V       | 12.5 A        | 150 W       |   |  |                     |                        |         |
|                    | 24 V       | 6.25 A        |             |   |  |                     |                        |         |
| <b>GEMC-240-DA</b> | 12 V       | 16.6 - 20 A   | 200 - 240 W |   |  | -25°C – +50°C       | 270 x 68 x 30 mm       | 1.05 kg |
|                    | 24 V       | 10 A          |             |   |  |                     |                        |         |
| <b>GEMC-320-DA</b> | 24 V       | 13.3 A        | 320 W       |   |  |                     |                        |         |

# GV6 75 - 350 W waterproof (IP67)

## Features:

- EU input voltage range: 176 ~ 264 V AC
- Constant voltage output
- PF > 0.97 (230 V input / full load)
- Surge protection: 6 KV line-line, 10 KV line-earth
- Protections: SCP, OVP, OTP
- IP67 design for indoor and outdoor applications
- Suitable for dry / damp / wet locations
- 5 years warranty








|                | Output voltage | Output current | Output power | Safety & EMC regulations                                  | Working temperature | Dimensions (L x W x H) |
|----------------|----------------|----------------|--------------|---|---------------------|------------------------|
| <b>GV6-075</b> | 12 V           | 0~6.25 A       | 75W          | EN55015, EN61000-3-2, EN61000-3-3, EN61000-4-2,3,4,5,6,11 | -40°C – +75°C       | 137.5 x 67.2 x 37 mm   |
|                | 24 V           | 0~0.70 A       |              |   |                     |                        |
|                | 36 V           | 0~0.86 A       |              |   |                     |                        |
| <b>GV6-100</b> | 12 V           | 0~8.30 A       | 100W         |   |                     |                        |
|                | 24 V           | 0~4.20 A       |              |   |                     |                        |
|                | 36 V           | 0~2.80 A       |              |   |                     |                        |
| <b>GV6-150</b> | 12 V           | 0~12.50 A      | 150W         |   |                     |                        |
|                | 24 V           | 0~6.30 A       |              |   |                     |                        |
|                | 36 V           | 0~4.20 A       |              |   |                     |                        |
| <b>GV6-200</b> | 24 V           | 0~8.40 A       | 200W         |   |                     |                        |
|                | 36 V           | 0~5.60 A       |              |   |                     |                        |
| <b>GV6-240</b> | 24 V           | 0~10.00 A      | 240W         |   |                     |                        |
|                | 36 V           | 0~6.70 A       |              |   |                     |                        |
| <b>GV6-320</b> | 12 V           | 0~26.70 A      | 320W         | 224.5 x 96.8 x 41.8 mm                                    |                     |                        |
|                | 24 V           | 0~13.40 A      |              |   |                     |                        |
|                | 36 V           | 0~8.90 A       |              |   |                     |                        |
|                | 48 V           | 0~6.70 A       |              |   |                     |                        |
| <b>GV6-350</b> | 12 V           | 0~14.60 A      | 350W         |   |                     |                        |
|                | 24 V           | 0~9.80 A       |              |   |                     |                        |
|                | 36 V           | 0~7.30 A       |              |   |                     |                        |

# GLSV 35 - 320 W waterproof (IP67)

## Features:

- Universal AC input / Full range up to 305 V AC
- Constant voltage design
- Built-in active PFC function, PF > 0.96 (@230 V AC, full load)
- Surge immunity: DM-5 KV, CM-10 KV
- IP67 design for indoor and outdoor applications
- Isolation class I
- Up to 7 years warranty



|                  | Output voltage               | Output current                         | Output power | Protections  | Safety & EMC regulations | Working temperature | Dimensions (L x W x H) | Weight                     |         |
|------------------|------------------------------|--|--------------|--|--------------------------|---------------------|------------------------|----------------------------|---------|
| <b>GLSV-035B</b> | 12 V<br>24 V<br>36 V<br>48 V | 2.92 A<br>1.46 A<br>0.98 A<br>0.73 A   | 35 W         | short circuit,<br>over voltage,<br>over current,<br>over temperature | EN55015,<br>EN61000-3-2  | -40°C - +70°C       | 199 x 42.5 x 34 mm     | 0.51 kg                    |         |
| <b>GLSV-050B</b> | 12 V<br>24 V<br>36 V<br>48 V | 4.17 A<br>2.10 A<br>1.40 A<br>1.05 A   | 50 W         |  |                          |                     |                        |                            |         |
| <b>GLSV-075B</b> | 12 V<br>24 V<br>36 V<br>48 V | 6.25 A<br>3.13 A<br>2.08 A<br>1.56 A   | 75 W         |  |                          |                     |                        |                            |         |
| <b>GLSV-100B</b> | 12 V<br>24 V<br>36 V<br>48 V | 8.33 A<br>4.17 A<br>2.78 A<br>2.08 A   | 100 W        |  |                          | -40°C - +60°C       |                        | 164 x 68 x 39 mm           | 0.68 kg |
| <b>GLSV-150B</b> | 12 V<br>24 V<br>36 V<br>48 V | 12.50 A<br>6.25 A<br>4.17 A<br>3.13 A  | 150 W        |  |                          |                     |                        | 178 x 68 x 39 mm           | 0.77 kg |
| <b>GLSV-200B</b> | 12 V<br>24 V<br>36 V<br>48 V | 16.67 A<br>8.33 A<br>5.56 A<br>4.17 A  | 200 W        |  |                          |                     |                        | 207 x 68 x 39 mm           | 0.90 kg |
| <b>GLSV-320B</b> | 12 V<br>24 V<br>36 V<br>48 V | 22.00 A<br>13.33 A<br>8.90 A<br>6.67 A | 320 W        |  |                          |                     |                        | (12,24V)232 x 68 x 43.5 mm | 1.35 kg |
|                  |                              |  |              |  |                          | 234 x 98 x 40 mm    | 1.75 kg                |                            |         |



# GLG 60 – 300 W waterproof (IP65, IP67)

## Features:

- Universal AC input / Full range
- CV + CC mode power supply
- Built-in active PFC function
- Cooling by free air convection
- 100% full load burn-in test
- IP 67 level (GLG-60, GLG-200, GLG-300)
- IP 65 level (GLG-100, GLG-150)
- Built-in potentiometers to adjust output voltage and current (GLG-100, GLG-150)
- Up to 5 years warranty



## IP65/67 CE SELV

|         | 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                   | EN55015, 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         |             |   |  |                     | 216 x 66 x 40 mm       | 0.95 kg          |         |
| GLG-100 | 6~12 V     | 8.5 A         | 102 W       | short circuit, over current, over voltage, over temperature |  |                     | 221 x 70 x 45 mm       | 1.15 kg          |         |
|         | 12~24 V    | 4.2 A         | 100.8 W     |   |  |                     | 242 x 96 x 50 mm       | 1.80 kg          |         |
| GLG-150 | 9~12 V     | 12.5 A        | 150 W       |   |  |                     | 150 W                  | 285 x 96 x 50 mm | 2.20 kg |
|         | 18~24 V    | 6.3 A         | 151.2 W     |   |  |                     |                        |                  |         |
| GLG-200 | 12 V       | 16.6 A        | 199.2 W     |   |  |                     | 199.2 W                |                  |         |
|         | 24 V       | 8.33 A        | 199.92 W    |   |  |                     |                        |                  |         |
| GLG-300 | 12 V       | 25 A          | 300 W       |   |  |                     |                        |                  |         |
|         | 24 V       | 12.5 A        |             |   |  |                     |                        |                  |         |

# GPVP 25 – 120 W waterproof IP67)

## Features:

- Universal AC input / Full range
- Constant voltage design
- Built-in active PFC function, PF > 0.9
- Cooling by free air convection
- Plastic case, double isolation cables
- 100% full load burn-in test
- Fully encapsulated with IP67 level
- Excellent quality / price ratio
- Up to 5 years warranty



## IP67 CE SELV

|          | DC voltage | Rated current | Rated power | Protections  | Safety & EMC regulations         | Working temperature | Dimensions (L x W x H) | Weight  |
|----------|------------|---------------|-------------|--|----------------------------------|---------------------|------------------------|---------|
| GPVP-25  | 12 V       | 2 A           | 24 W        | short circuit, over current, over voltage, over temperature          | EN55015, EN61347-1, EN61347-2-13 | -30°C – +70°C       | 138 x 42.5 x 34 mm     | 0.36 kg |
|          | 24 V       | 1 A           |             |  |                                  |                     | 149 x 32 x 28 mm       | 0.23 kg |
| GPVP-40  | 12 V       | 3.5 A         | 36 W        | short circuit, over current  |                                  |                     | 162 x 42 x 33 mm       | 0.40 kg |
|          | 24 V       | 1.7A          | 60 W        | short circuit, over current, over voltage                            |                                  |                     | 190 x 63 x 38 mm       | 0.39 kg |
| GPVP-60N | 12 V       | 5A            | 60 W        | short circuit, over current, over voltage                            |                                  |                     |                        |         |
|          | 24 V       | 2.5 A         |             |  |                                  |                     |                        |         |
| GPVP-90  | 12 V       | 7.5 A         | 90 W        | short circuit, overload over current, over voltage, over temperature |                                  |                     |                        |         |
|          | 24 V       | 3.75 A        |             |  |                                  |                     |                        |         |
| GPVP-120 | 12 V       | 10 A          | 120 W       |  |                                  |                     |                        |         |
|          | 24 V       | 5 A           |             |  |                                  |                     |                        |         |

# GPC 9 – 60 W waterproof (IP67)

## Features:

- Universal AC input / Full range
- Constant current design
- Output current versions: 350 mA, 700 mA, 1050 mA, 1400 mA, 1750 mA
- 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



|        | DC voltage | 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 | EN55015, EN61347-2-13    | -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                   |                          |                     | EN55015, EN61347-2-13  | -30°C – +70°C | 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        |                                 |                          |                     |                        |               | short circuit    | EN55015, EN61347-2-13 | -30°C – +70°C | 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      |                                 |                          |                     |                        |               |                  |                       |               |                  |                       |               |                  |         |
| GPC-60 | 9~24 V     | 1400 mA       | 33.6 W      |                                 |                          |                     |                        |               |                  |                       |               | short circuit    | EN55015, EN61347-2-13 | -30°C – +70°C | 162 x 42 x 33 mm | 0.36 kg |
|        | 12~60 V    | 1050 mA       | 63 W        |                                 |                          |                     |                        |               |                  |                       |               |                  |                       |               |                  |         |
|        | 9~42 V     | 1400 mA       | 58.8 W      |                                 |                          |                     |                        |               |                  |                       |               |                  |                       |               |                  |         |
|        | 9~36 V     | 1750 mA       | 63 W        |                                 |                          |                     |                        |               |                  |                       |               |                  |                       |               |                  |         |

# GPCP 20 - 90 W waterproof (IP67)

## Features:

- Universal AC input / Full range
- Constant current design
- Built-in active PFC function
- Cooling by free air convection
- 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
- Excellent quality / price ratio
- Up to 5 years warranty



|          | 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 | EN55015, EN61347-1, EN61347-2-13 | -20°C – +70°C                    | 140 x 32 x 25 mm       | 0.21 kg                          |               |                                  |               |                  |         |
|          | 9~30 V        | 70 mA         | 21 W        |   |                                  |                                  |                        |                                  |               |                                  |               |                  |         |
| GPCP-35  | 40~80 V       | 350 mA        | 28 W        | short circuit, over current                                 |                                  | EN55015, EN61347-1, EN61347-2-13 | -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       |             |   |                                  |                                  |                        |                                  |               |                                  |               |                  |         |
| GPCP-60  | 12~24 V       | 1400 mA       | 58.8 W      | short circuit, over current                                 |                                  |                                  |                        | EN55015, EN61347-1, EN61347-2-13 | -30°C – +70°C | 162 x 42 x 33 mm                 | 0.40 kg       |                  |         |
|          | 40~80 V       | 700 mA        |             |   |                                  |                                  |                        |                                  |               |                                  |               | 56 W             |         |
|          | 30~60 V       | 1050 mA       |             |   |                                  |                                  |                        |                                  |               |                                  |               | 63 W             |         |
|          | 24~47 V       | 1250 mA       |             |   |                                  |                                  |                        |                                  |               |                                  |               | 63 W             |         |
|          | 20~42 V       | 1400 mA       |             |   |                                  |                                  |                        |                                  |               |                                  |               |                  |         |
| GPCP-100 | 18~36 V       | 1750 mA       | 63 W        | short circuit, over current, over voltage, over temperature |                                  |                                  |                        |                                  |               | EN55015, EN61347-1, EN61347-2-13 | -30°C – +70°C | 172 x 63 x 38 mm | 0.63 kg |
|          | 16~30 V       | 2100 mA       |             |   |                                  |                                  |                        |                                  |               |                                  |               |                  |         |
|          | 32~64 V       | 1400 mA       |             |   | 89.6W                            |                                  |                        |                                  |               |                                  |               |                  |         |



# GPF 25 – 60 W waterproof (IP65)

## Features:

- Universal AC input / Full range
- CC mode power supply
- Built-in 3 in 1 dimming function: 0 - 10 V or PWM or resistance
- Cooling by free air convection
- Plastic case, double isolation cables
- 100% full load burn-in test
- Isolation class II
- Excellent quality / price ratio
- Up to 3 years warranty



## IP67 CE SELV

|           | DC voltage | 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 | EN55015, 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                   |  |                     | EN55015, EN61347-2-13, EN61000-3-2 Class C | -30°C - +70°C | 153 x 43 x 34 mm | 0.40 kg |
|           | 36 ~ 60 V  | 700 mA        |             |   |  |                     |  |               |                  |         |
|           | 24 ~ 40 V  | 1050 mA       |             |   |  |                     |  |               |                  |         |
|           | 18 ~ 30 V  | 1400 mA       |             |   |  |                     |  |               |                  |         |
| GPF-60D   | 15 ~ 24 V  | 1750 mA       | 56 W        | short circuit, over current                                 |  |                     | EN55015, EN61347-2-13, EN61000-3-2 Class C | -30°C - +70°C | 168 x 44 x 34 mm | 0.44 kg |
|           | 40 ~ 80 V  | 700 mA        |             |   |  |                     |  |               |                  |         |
|           | 30 ~ 60 V  | 1050 mA       |             |   |  |                     |  |               |                  |         |
|           | 22 ~ 42 V  | 1400 mA       |             |   |  |                     |  |               |                  |         |
|           | 20 ~ 36 V  | 1750 mA       |             |   |  |                     |  |               |                  |         |
|           | 14 ~ 28 V  | 2100 mA       |             |   |  |                     |  |               |                  |         |
| 12 ~ 24 V | 2450 mA    |               |             |   |  |                     |  |               |                  |         |

# AGV / AGC 12 – 25 W (IP40)

## Features:

- Universal AC input / Full range
- Constant voltage (AGV) / current (AGC) design
- Current versions: 350 mA, 500 mA
- Cooling by free air convection
- 100% full load burn-in test
- Isolation class II
- Double insulation of Input and output wires
- Excellent quality / price ratio
- Up to 3 years warranty



## IP40 CE LPS

|        | DC voltage | Rated current | Rated power | Protections   | Safety & EMC regulations | Working temperature | Dimensions (L x W x H) | Weight        |                  |         |
|--------|------------|---------------|-------------|---|--------------------------|---------------------|------------------------|---------------|------------------|---------|
| AGV-12 | 12 V       | 1 A           | 12 W        | short circuit, over current, over voltage, over temperature | EN55015, EN61547         | -10°C - +70°C       | 90 x 40 x 23.5 mm      | 0.88 kg       |                  |         |
| AGV-16 |            | 1.33 A        | 15.96 W     | short circuit, over current, over voltage                   |                          |                     |                        | 0.90 kg       |                  |         |
| AGC-12 | 9 ~ 39 V   | 350 mA        | 12.6 W      | short circuit, over temperature                             |                          |                     | EN55015, EN61547       | -10°C - +70°C | 110 x 45 x 24 mm | 0.88 kg |
| AGC-16 | 18 ~ 48 V  | 350 mA        | 16.8 W      |   |                          |                     |                        |               |                  | 0.90 kg |
| AGC-25 | 25 ~ 50 V  | 500 mA        | 25 W        |   |                          |                     |                        |               |                  | 0.17 kg |



# GTPC-S-DA 80 – 150 W (IP20)

## Features:

- Constant voltage design
- EU input voltage range 220 - 240 V AC
- Built-in active PFC function
- Cooling by free air convection
- Protection: Overload, Short - Circuit, Over - Temperature
- DALI-2 and push dimming function. Range: 1 - 100%
- Isolation class II
- Up to 5 years warranty



|                  | DC voltage | Rated current | Rated power | Protections                               | Safety & EMC regulations                   | Working temperature | Dimensions (L x W x H) | Weight  |
|------------------|------------|---------------|-------------|---|--|---------------------|------------------------|---------|
| GTPC-80-24-S-DA  | 24 V       | 3.33 A        | 80 W        | short circuit, over temperature, overload | EN55015, EN61347-2-13, EN61000-3-2 Class C | -20°C - +45°C       | 290 x 45 x 30.5 mm     | 0.25 kg |
| GTPC-150-24-S-DA |            | 6.25 A        | 150 W       |   |  |                     | 290 x 45 x 30.5 mm     | 0.48 kg |

# GTPC-S 24 - 240 W (IP20)

## Features:

- EU input voltage range 220 - 240 V AC
- Built-in active PFC function
- Cooling by free air convection
- Standard reference load
- Ultra thin and slim case size
- Up to 3 years warranty



|            | DC voltage | Rated current | Rated power | Protections                           | Safety & EMC regulations                   | Working temperature                           | Dimensions (L x W x H)                                    | Weight             |                    |         |
|------------|------------|---------------|-------------|---------------------------------------|--|---|---|--------------------|--------------------|---------|
| GTPC-30-S  | 12 V       | 2.50 A        | 24 W        | short circuit, over voltage, overload | EN55015, EN61347-2-13, EN61000-3-2 Class C | -10°C - +70°C                                 | 251 x 30 x 16.5 mm  | 0.13 kg            |                    |         |
|            | 24 V       | 1.25 A        |             |                                       |  |   | GTPC-45-S   | 251 x 30 x 16.5 mm | 0.13 kg            |         |
| 12 V       | 3.75 A     | 36 W          | GTPC-60-S   |                                       |  |   |   | 305 x 30 x 17 mm   | 0.16 kg            |         |
| 24 V       | 1.90A      | 60 W          |             |                                       |  | -20°C - +50°C                                 | GTPC-75-S   | 305 x 30 x 17 mm   | 0.16 kg            |         |
| 12 V       | 6.25 A     | 75 W          | GTPC-100-S  |                                       |  |   |   | -20°C - +45°C      | 320 x 30 x 18.2 mm | 0.17 kg |
| 24 V       | 3.125 A    |               |             |                                       |  | 100 W   |   |                    |                    |         |
| GTPC-150-S | 12V        | 11 A          | 150W        |                                       |  | short circuit, over current, over temperature | EN55015, EN61347-1 -2-13, EN61547, EN61000-3-2 -3 Class C | -20°C - +45°C      | 335 x 30 x 21.6    | 0.23 kg |
|            | 24V        | 6.25 A        |             |                                       |  |   |   |                    |                    |         |
| GTPC-240-S | 24V        | 10 A          | 240W        |                                       |  |   |   |                    |                    |         |

# GTMC-D 100 – 200 W waterproof (IP67)

## Features:

- **Triac Dimmable**
- Constant voltage design
- EU input voltage range 220 - 240 V AC
- Cooling by free air convection
- Isolation class I
- Fully encapsulated with IP67 level
- Up to 3 years warranty



|               | DC voltage | Rated current | Rated power | Protections                           | Safety & EMC regulations           | Working temperature | Dimensions (L x W x H) |
|---------------|------------|---------------|-------------|---------------------------------------|------------------------------------|---------------------|------------------------|
| GTMC-100-24-D | 24 V       | 4.2 A         | 100 W       | overload, over voltage, short circuit | EN55015, EN61347-2-13, EN61000-3-3 | -20°C – +50°C       | 191 x 70 x 40 mm       |
| GTMC-200-24-D |            | 8.3 A         | 200 W       |                                       |                                    |                     | 249 x 72 x 40 mm       |

# GTPC-D 25 - 100 W (IP20)

## Features:

- **Triac Dimmable**
- Constant voltage design
- EU input voltage range 220 - 240 V AC
- Cooling by free air convection
- Isolation class II
- CB certificate
- Up to 3 years warranty



|            | DC voltage | Rated current | Rated power | Protections                           | Safety & EMC regulations           | Working temperature | Dimensions (L x W x H) | Weight  |
|------------|------------|---------------|-------------|---------------------------------------|------------------------------------|---------------------|------------------------|---------|
| GTPC-25-D  | 12 V       | 2.08 A        | 25 W        | short circuit, over voltage, overload | EN55015, EN61347-2-13, EN61000-3-2 | -20°C – +50°C       | 122 x 52 x 30 mm       | 0.11 kg |
|            | 24 V       | 1.04 A        |             |                                       |                                    |                     | 166 x 52 x 32 mm       | 0.24 kg |
| GTPC-50-D  | 12 V       | 4.16 A        | 50 W        |                                       |                                    |                     | 210 x 67 x 34 mm       | 0.36 kg |
|            | 24 V       | 2.08 A        |             |                                       |                                    |                     |                        |         |
| GTPC-100-D | 12 V       | 8.30 A        | 100 W       |                                       |                                    |                     |                        |         |
|            | 24 V       | 4.20 A        |             |                                       |                                    |                     |                        |         |

# DL2 Series 15 - 150 W (IP20)

## Features:

- Universal AC input / Full range
- High Dielectric Strength: IN/OUT up to 4000 VAC
- Wide range of operating temperature range: -40°C to +70°C
- Low no load power consumption
- Designed to install on TS35x7.5 / TS35x15 Din Rail



|              | DC voltage | Input voltage range           | Rated current   | Rated power  | Protections  | Safety & EMC regulations   | Working temperature                                | Dimensions (L x W x H) | Weight  |
|--------------|------------|-------------------------------|-----------------|--|--|--|--|------------------------|---------|
| DL2-15-05-U  | 5 V        | 85 ~ 264 VAC<br>120 ~ 370 VDC | 2.4 A           | 12 W   | short circuit,<br>over voltage,<br>over current  | EN55032,<br>EN62368-1,<br>EN61558-1,<br>EN55035,<br>EN61000-4-2, -3,<br>-4, -5, -6, -11,<br>EN61000-3-3,<br>EN61000-3-2<br>Class A | -40°C ÷ 70°C<br>(Refer to Temp.<br>Derating Curve) | 90 x 17.5 x 58.0 mm    | 0.06 kg |
| DL2-15-12-U  | 12 V       |                               | 1.25 A          | 15 W   |  |  |  |                        |         |
| DL2-15-15-U  | 15 V       |                               | 1.0 A           | 15 W   |  |  |  |                        |         |
| DL2-15-24-U  | 24 V       |                               | 0.63 A          | 15.12 W  |  |  |  |                        |         |
| DL2-15-48-U  | 48 V       |                               | 0.32 A          | 15.36 W  |  |  |  |                        |         |
| DL2-30-05-U  | 5 V        |                               | 3.0 A           | 15 W   |  |  |  | 92.6 x 35 x 58 mm      | 0.06 kg |
| DL2-30-12-U  | 12 V       |                               | 2.0 A           | 24 W   |  |  |  |                        |         |
| DL2-30-15-U  | 15 V       |                               | 2.0 A           | 30 W   |  |  |  |                        |         |
| DL2-30-24-U  | 24 V       |                               | 1.5 A           | 36 W   |  |  |  |                        |         |
| DL2-30-48-U  | 48 V       |                               | 0.75 A          | 36 W   |  |  |  |                        |         |
| DL2-60-05-U  | 5 V        |                               | 6.5 A           | 32.5 W   |  |  |  | 92.6 x 52 x 58 mm      | 0.17 kg |
| DL2-60-12-U  | 12 V       |                               | 4.5 A           | 54 W   |  |  |  |                        |         |
| DL2-60-15-U  | 15 V       |                               | 4.0 A           | 60 W   |  |  |  |                        |         |
| DL2-60-24-U  | 24 V       |                               | 2.5 A           | 60 W   |  |  |  |                        |         |
| DL2-60-48-U  | 48 V       |                               | 1.25 A          | 60 W   |  |  |  |                        |         |
| DL2-100-12-U | 12 V       |                               | 7.5 A           | 90 W   |  |  |  | 92.6 x 70 x 58 mm      | 0.23 kg |
| DL2-100-15-U | 15 V       | 6.5 A                         | 97.5 W          |  |  |  |  |                        |         |
| DL2-100-24-U | 24 V       | 4.2 A                         | 100.8 W         |  |  |  |  |                        |         |
| DL2-100-48-U | 48 V       | 2.1 A                         | 100.8 W         |  |  |  |  |                        |         |
| DL2-150-12-U | 12 V       | 10.1 - 11.3 A                 | 122 - 135.6 W   | short circuit,<br>over voltage,<br>over current,<br>over temperature | EN55032,<br>EN62368-1,<br>EN61558-1,<br>EN55035,<br>EN50335-1,<br>EN61000-4-2, -3,<br>-4, -5, -6, -11,<br>EN61000-3-3,<br>EN61000-3-2<br>Class A | 90 x 105 x 55.4 mm   | 0.33 kg  |                        |         |
| DL2-150-15-U | 15 V       | 8.5 - 9.5 A                   | 128.2 - 142.5 W |  |  |  |  |                        |         |
| DL2-150-24-U | 24 V       | 5.3 - 6.2 A                   | 127.4 - 150 W   |  |  |  |  |                        |         |
| DL2-150-48-U | 48 V       | 2.7 - 3.2 A                   | 130.5 - 153.6 W |  |  |  |  |                        |         |

# MRS Series 10 - 350 W (IP20)

## Features:

- EU full range or selectable AC input range
- Low no-load power consumption < 0.3 W to < 0.75 W
- LED indicator for power on
- Wide range of operating temperature range: -30°C to +70°C
- Operating altitude up to 5000 m
- Up to 3 years warranty



|              | DC voltage | Input voltage range             | Rated current | Rated power   | Protections                                     | Safety & EMC regulations   | Working temperature                                | Dimensions (L x W x H) | Weight  |
|--------------|------------|---------------------------------|---------------|---|---|--|--|------------------------|---------|
| MRS-15-03-H  | 3.3 V      | 85 ~ 305 VAC /<br>100 ~ 430 VDC | 3 A           | 9.9 W   | short circuit<br>over voltage<br>over current   | EN55032,<br>EN88035,<br>EN62368-1,<br>EN61000-4-2, -3,<br>-4, -5, -6, -11<br>EN61000-3-3,<br>EN61000-3-2 | -30°C ÷ 70°C<br>(Refer to Temp.<br>Derating Curve) | 65 x 55 x 25 mm        | 0.09 kg |
| MRS-15-05-H  | 5 V        |                                 | 3 A           | 15 W  |   |  |  |                        |         |
| MRS-15-12-H  | 12 V       |                                 | 1.3 A         | 15.6 W  |   |  |  |                        |         |
| MRS-15-15-H  | 15 V       |                                 | 1 A           | 15  |   |  |  |                        |         |
| MRS-15-24-H  | 24 V       |                                 | 0.625 A       | 15.36 W   |   |  |  |                        |         |
| MRS-15-48-H  | 48 V       |                                 | 0.32 A        | 15.36 W   |   |  |  | 99 x 82 x 30 mm        | 0.11 kg |
| MRS-25-03-H  | 3.3 V      |                                 | 6 A           | 19.8 W  |   |  |  |                        |         |
| MRS-25-05-H  | 5 V        |                                 | 5 A           | 25 W  |   |  |  |                        |         |
| MRS-25-12-H  | 12 V       |                                 | 2.1 A         | 25.2 W  |   |  |  |                        |         |
| MRS-25-15-H  | 15 V       |                                 | 1.7 A         | 25.5 W  |   |  |  |                        |         |
| MRS-25-24-H  | 24 V       | 1.1 A                           | 26.4 W        | 99 x 82 x 30 mm   | 0.18 kg   |  |  |                        |         |
| MRS-25-48-H  | 48 V       | 0.57 A                          | 27.36 W       |   |   |  |  |                        |         |
| MRS-35-05-U  | 5 V        | 85 ~ 264 VAC /<br>120 ~ 373 VDC | 7 A           |   |   | 35 W   |  |                        |         |
| MRS-35-12-U  | 12 V       |                                 | 3 A           |   |   | 36 W   |  |                        |         |
| MRS-35-15-U  | 15 V       |                                 | 2.4 A         |   |   |  |  |                        |         |
| MRS-35-24-U  | 24 V       |                                 | 1.5 A         | 52.8 W  |   |  |  |                        |         |
| MRS-50-05-U  | 5 V        |                                 | 10 A          |   | 50 W  |  |  |                        |         |
| MRS-50-12-U  | 12 V       |                                 | 4.2 A         | 50.4 W  |   |  |  |                        |         |
| MRS-50-15-U  | 15 V       |                                 | 3.4 A         | 51 W  |   |  |  |                        |         |
| MRS-50-24-U  | 24 V       |                                 | 2.2 A         | 70 W  |   |  |  |                        |         |
| MRS-50-36-U  | 36 V       |                                 | 1.45 A        |   | 52.8 W  |  |  |                        |         |
| MRS-50-48-U  | 48 V       |                                 | 1.1 A         | 70 W  | 99 x 97 x 30 mm                                 | 0.22 kg  |  |                        |         |
| MRS-75-05-U  | 5 V        | 14 A                            | 70 W          |   |   |  |  |                        |         |
| MRS-75-12-U  | 12 V       | 6 A                             | 72 W          |   |   |  |  |                        |         |
| MRS-75-15-U  | 15 V       | 5 A                             | 75 W          |   |   |  |  |                        |         |
| MRS-75-24-U  | 24 V       | 3.2 A                           | 76.8 W        |   |   |  |  |                        |         |
| MRS-75-36-U  | 36 V       | 2.1 A                           | 75.6 W        |   |   |  |  |                        |         |
| MRS-75-48-U  | 48 V       | 1.6 A                           | 76.8 W        |   |   |  |  |                        |         |
| MRS-100-05-U | 5 V        | 18 A                            | 90 W          |   |   |  |  |                        |         |
| MRS-100-12-U | 12 V       | 8.5 A                           | 105 W         |   |   |  |  |                        |         |
| MRS-100-15-U | 15 V       | 7 A                             |               |   |   |  |  |                        |         |
| MRS-100-24-U | 24 V       | 4.5 A                           | 108 W         |   |   |  |  |                        |         |
| MRS-100-36-U | 36 V       | 2.8 A                           | 100.8 W       |   |   |  |  |                        |         |
| MRS-100-48-U | 48 V       |                                 | 110.4 W       |   |   |  |  |                        |         |
| MRS-150-12-U | 12 V       | 12.5 A                          | 150 W         |   |   |  |  |                        |         |
| MRS-150-15-U | 15 V       | 10 A                            |               |   |   |  |  |                        |         |
| MRS-150-24-U | 24 V       | 6.5 A                           | 156 W         |   |   |  |  |                        |         |
| MRS-150-36-U | 36 V       | 4.3 A                           | 154.8 W       |   |   |  |  |                        |         |
| MRS-150-48-U | 48 V       | 3.3 A                           | 158.4 W       | short circuit<br>over voltage<br>over current<br>over temperature | EN55032,<br>EN55035,<br>EN62368-1,<br>EN60335-1 | 215 x 115 x 30 mm  | 0.7 kg   |                        |         |
| MRS-350-05-S | 5 V        | 60 A                            | 300 W         |   |   |  |  |                        |         |
| MRS-350-12-S | 12 V       | 29 A                            | 348 W         |   |   |  |  |                        |         |
| MRS-350-15-S | 15 V       | 23.2 A                          |               |   |   |  |  |                        |         |
| MRS-350-24-S | 24 V       | 14.6 A                          | 350.4 W       |   |   |  |  |                        |         |
| MRS-350-36-S | 36 V       | 9.7 A                           | 349.2 W       |   |   |  |  |                        |         |
| MRS-350-48-S | 48 V       | 7.3 A                           | 350.4 W       |   |   |  |  |                        |         |

# MFS Series 150 - 320 W (IP20)

## Features:

- Build-in active PFC function
- Compact size with a low 1U profile
- Wide range of operating temperature range: -30°C to +70°C
- LED indicator for power on
- Operating altitude up to 5000 m
- Up to 3 years warranty



|                     | DC voltage | Input voltage range             | Rated current | Rated power | Protections  | Safety & EMC regulations   | Working temperature                                | Dimensions (L x W x H) | Weight  |
|---------------------|------------|---------------------------------|---------------|-------------|--|--|--|------------------------|---------|
| <b>MFS-150-12-H</b> | 12 V       | 85 ~ 305 VAC /<br>120 ~ 430 VDC | 12.5 A        | 150 W       | short circuit,<br>over voltage,<br>over current,<br>over temperature | EN55032,<br>EN55035,<br>EN62368-1,<br>EN60335-1,<br>EN61558-1,<br>EN61558-2-16,<br>EN61000-3-2 -3,<br>EN61000-4-2 -3,<br>-4, -5, -6, -11 | -30°C ÷ 70°C<br>(Refer to Temp.<br>Derating Curve) | 179 x 99 x 30 mm       | 0.5 kg  |
| <b>MFS-150-15-H</b> | 15 V       |                                 | 10 A          | 150 W       |  |  |  |                        |         |
| <b>MFS-150-24-H</b> | 24 V       |                                 | 6.3 A         | 151.2 W     |  |  |  |                        |         |
| <b>MFS-150-48-H</b> | 48 V       |                                 | 3.2 A         | 153.6 W     |  |  |  |                        |         |
| <b>MFS-200-5-H</b>  | 5 V        | 85 ~ 305 VAC /<br>120 ~ 430 VDC | 40 A          | 200 W       | short circuit,<br>over voltage,<br>over current,<br>over temperature | EN55032,<br>EN55035,<br>EN62368-1,<br>EN60335-1,<br>EN61558-1,<br>EN61558-2-16,<br>EN61000-3-2 -3,<br>EN61000-4-2 -3,<br>-4, -5, -6, -11 | -30°C ÷ 70°C<br>(Refer to Temp.<br>Derating Curve) | 215 x 115 x 30 mm      | 0.75 kg |
| <b>MFS-200-12-H</b> | 12 V       |                                 | 16.7 A        | 200.4 W     |  |  |  | 179 x 99 x 30 mm       | 0.47 kg |
| <b>MFS-200-15-H</b> | 15 V       |                                 | 13.4 A        | 201 W       |  |  |  |                        |         |
| <b>MFS-200-24-H</b> | 24 V       |                                 | 8.4 A         | 201.6 W     |  |  |  |                        |         |
| <b>MFS-200-48-H</b> | 48 V       |                                 | 4.2 A         | 201.6 W     |  |  |  |                        |         |
| <b>MFS-320-04-H</b> | 4 V        | 85 ~ 305 VAC /<br>120 ~ 430 VDC | 60 A          | 240 W       | short circuit,<br>over voltage,<br>over current,<br>over temperature | EN55032,<br>EN55035,<br>EN62368-1,<br>EN60335-1,<br>EN61558-1,<br>EN61558-2-16,<br>EN61000-3-2 -3,<br>EN61000-4-2 -3,<br>-4, -5, -6, -11 | -30°C ÷ 70°C<br>(Refer to Temp.<br>Derating Curve) | 215 x 115 x 30 mm      | 0.75 kg |
| <b>MFS-320-05-H</b> | 05 V       |                                 | 60 A          | 300 W       |  |  |  |                        |         |
| <b>MFS-320-12-H</b> | 12 V       |                                 | 26.7 A        | 320.4 W     |  |  |  |                        |         |
| <b>MFS-320-15-H</b> | 15 V       |                                 | 21.4 A        | 321 W       |  |  |  |                        |         |
| <b>MFS-320-24-H</b> | 24 V       |                                 | 13.4 A        | 321.6 W     |  |  |  |                        |         |
| <b>MFS-320-27-H</b> | 27 V       |                                 | 11.9 A        | 321.6 W     |  |  |  |                        |         |
| <b>MFS-320-48-H</b> | 48 V       |                                 | 6.7 A         | 1.6 W       |  |  |  |                        |         |



# MFS Series 600 - 1500 W (IP20)

## Features:

- Build-in active PFC function
- Wide range of adjustable output voltage
- Wide range of operating temperature range: -40°C to +70°C
- Support 3 + 1 parallel redundancy, current sharing
- Operating altitude up to 5000 m
- Up to 3 years warranty



|                      | DC voltage | Input voltage range             | Rated current | Rated power | Protections  | Safety & EMC regulations   | Working temperature                                | Dimensions (L x W x H) | Weight  |
|----------------------|------------|---------------------------------|---------------|-------------|--|--|--|------------------------|---------|
| <b>MFS-600-12-U</b>  | 12 V       | 80 ~ 277 VAC /<br>110 ~ 390 VDC | 50 A          | 600 W       | short circuit,<br>over voltage,<br>over current,<br>over temperature | EN55032,<br>EN61000-3-2 -3,<br>EN61000-4-2 -3,<br>-4, -5, -6, -11<br>EN61000-6-2 | -40°C ÷ 70°C<br>(Refer to Temp.<br>Derating Curve) | 101 x 203.1 x 40.5 mm  | 1 kg    |
| <b>MFS-600-15-U</b>  | 15 V       |                                 | 40 A          |             |  |  |  |                        |         |
| <b>MFS-600-24-U</b>  | 24 V       |                                 | 25 A          |             |  |  |  |                        |         |
| <b>MFS-600-27-U</b>  | 27 V       |                                 | 22.3 A        |             |  |  |  |                        |         |
| <b>MFS-600-36-U</b>  | 36 V       |                                 | 16.7 A        |             |  |  |  |                        |         |
| <b>MFS-600-48-U</b>  | 48 V       |                                 | 12.6 A        |             |  |  |  |                        |         |
| <b>MFS-1000-12-U</b> | 12 V       | 90 ~ 264 VAC /<br>120 ~ 370 VDC | 80 A          | 960 W       | short circuit,<br>over voltage,<br>over current,<br>over temperature | EN55032,<br>EN61000-3-3,<br>EN61000-4-2 -3,<br>-4, -5, -6, -11<br>EN61000-6-2    | -40°C ÷ 70°C<br>(Refer to Temp.<br>Derating Curve) | 190 x 127 x 40.5 mm    | 1.25 kg |
| <b>MFS-1000-15-U</b> | 15 V       |                                 | 64 A          | 960 W       |  |  |  |                        |         |
| <b>MFS-1000-24-U</b> | 24 V       |                                 | 42 A          | 1008 W      |  |  |  |                        |         |
| <b>MFS-1000-27-U</b> | 27 V       |                                 | 37.3 A        | 1007 W      |  |  |  |                        |         |
| <b>MFS-1000-36-U</b> | 36 V       |                                 | 28.8 A        | 1008 W      |  |  |  |                        |         |
| <b>MFS-1000-48-U</b> | 48 V       |                                 | 21 A          | 1008 W      |  |  |  |                        |         |
| <b>MFS-1000-54-U</b> | 54 V       | 18.7 A                          | 1009 W        |             |  |  |  |                        |         |
| <b>MFS-1500-12-U</b> | 12 V       | 86 ~ 264 VAC /<br>120 ~ 370 VDC | 125 A         | 1510 W      | short circuit,<br>over voltage,<br>over current,<br>over temperature | EN55032,<br>EN61000-3-2 -3,<br>EN61000-4-2 -3,<br>-4, -5, -6, -11                | -40°C ÷ 70°C<br>(Refer to Temp.<br>Derating Curve) | 250 x 127 x 40.5 mm    | 1.8 kg  |
| <b>MFS-1500-15-U</b> | 15 V       |                                 | 100 A         | 1510 W      |  |  |  |                        |         |
| <b>MFS-1500-24-U</b> | 24 V       |                                 | 62.5 A        | 1510 W      |  |  |  |                        |         |
| <b>MFS-1500-27-U</b> | 27 V       |                                 | 56 A          | 1522 W      |  |  |  |                        |         |
| <b>MFS-1500-36-U</b> | 36 V       |                                 | 42 A          | 1522 W      |  |  |  |                        |         |
| <b>MFS-1500-48-U</b> | 48 V       |                                 | 32 A          | 1546 W      |  |  |  |                        |         |
| <b>MFS-1500-54-U</b> | 54 V       | 28 A                            | 1522 W        |             |  |  |  |                        |         |

# U5 Series 26 - 200 W (IP20)

## Features:

- European input voltage range 176-305V AC
- Constant power design
- Suitable for luminaires with protection Class I and II
- Current adjustment range 110 - 1050 mA (D and M versions)
- 3 Timers dimming; Timing, Virtual Midnight, Self-Adaptive,
- Surge protection: 6KV line-line, 10KV line-earth(Class I)
- Protections: Input UVP; Output SCP/OVP/OTP
- IP20 design for indoor and outdoor applications
- Suitable for dry / damp / wet locations
- Available in DALI (D), 1-10V (M) and On-Off (V) versions\*
- 5 years warranty



|                   | Input voltage range | Default current | Full Power Output Current Range | Dimming                                      | Max Output Power | Protections  | Safety & EMC regulations   | Working temperature                          | Dimensions (L x W x H)                       |                   |  |  |  |                  |
|-------------------|---------------------|-----------------|---------------------------------|--|------------------|--|--|--|--|-------------------|--|--|--|------------------|
| <b>U5-026D048</b> | 176 ~ 305 VAC       | 0.7 A           | 0.55 - 1.05 A                   | DALI-2                                       | 26 W             | short circuit, over voltage, under voltage, over temperature | EN61347-1, EN61347-2-13, EN 61000-3-2 -3, EN61000-4-2,3,4,5,6,11, EN62493, EN62384, EN55015, EN61547 | -40°C ÷ 55°C (Refer to Temp. Derating Curve) | 123 x 79 x 31 mm                             |                   |  |  |  |                  |
| <b>U5-040D060</b> |                     |                 |                                 |  | 40 W             |  |  |  | 132.5 x 77 x 40 mm                           |                   |  |  |  |                  |
| <b>U5-060D090</b> |                     |                 | 0.67 - 1.05 A                   |  | 60 W             |  |  |  |  |                   |  |  |  |                  |
| <b>U5-080D120</b> |                     |                 |                                 |  | 80 W             |  |  |  |  |                   |  |  |  |                  |
| <b>U5-120D220</b> |                     |                 | 0.55 - 1.05 A                   |  | 120 W            |  |  |  |  |                   |  |  |  |                  |
| <b>U5-165D236</b> |                     |                 |                                 |  | 0.7 - 1.05 A     |  |  | 165 W  | -40°C ÷ 50°C (Refer to Temp. Derating Curve) | 171 x 101 x 41 mm |  |  |  |                  |
| <b>U5-200D286</b> |                     |                 | 200 W                           |  |                  |  |  |  |  |                   |  |  |  |                  |
| <b>U5-026V048</b> |                     |                 | 176 ~ 305 VAC                   |  | 0.7 A            |  |  | 0.55 - 1.05 A                                | No dimming                                   | 26 W              | short circuit, over voltage, under voltage, over temperature | EN61347-1, EN61347-2-13, EN 61000-3-2 -3, EN61000-4-2,3,4,5,6,11, EN62493, EN62384, EN55015, EN61547 | -40°C ÷ 55°C (Refer to Temp. Derating Curve) | 123 x 79 x 31 mm |
| <b>U5-040V060</b> |                     |                 |                                 |  |                  |  |  |  |  | 40 W              |  |  |  |                  |
| <b>U5-060V090</b> |                     |                 |                                 |  |                  |  |  | 0.67 - 1.05 A                                |  | 60 W              |  |  |  |                  |
| <b>U5-080V120</b> | 80 W                |                 |                                 |  |                  |  |  |  |  |                   |  |  |  |                  |
| <b>U5-120V220</b> | 0.55 - 1.05 A       | 120 W           |                                 | -40°C ÷ 50°C (Refer to Temp. Derating Curve) |                  | 132.5 x 77 x 40 mm   |  |  |  |                   |  |  |  |                  |
| <b>U5-040M060</b> |                     | 0.7 - 1.05 A    |                                 |  |                  |  | 40 W   |  |  |                   |  |  |  |                  |
| <b>U5-080M120</b> | 80 W                |                 |                                 |  |                  |  |  |  |  |                   |  |  |  |                  |
| <b>U5-120M220</b> | 120 W               |                 |                                 |  |                  |  |  |  |  |                   |  |  |  |                  |
| <b>U5-165M270</b> | 165 W               |                 |                                 | -40°C ÷ 50°C (Refer to Temp. Derating Curve) |                  | 171 x 101 x 41 mm  |  |  |  |                   |  |  |  |                  |

\* D means DALI-2 and timer dimming.  
V means non-dimmable, adjustable output current with potentiometer.  
M means 0/1-10V/PWM dimming.





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