

Power Supplies

LED

Neumüller Elektronik GmbH

Essential criteria

As a long established and owner-operated company, we always act according to the features reliability and liability, honesty and transparency as well as flexibility and discretion. Customer satisfaction and trust and commercial added value are the basis for our successful cooperation.

Reliable and strong partnership

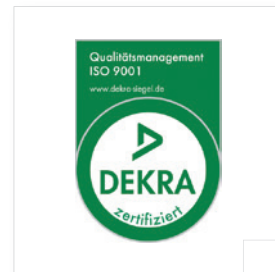
We put the strength on working together exclusively with well-respected and leading manufacturers and supplier. We achieve confidence and consistency on the market since more than 60 years. We do implement your demand on product quality and availability.

All-over processes and significant quality

The certification according to DIN EN ISO 9001:2015 proves the uniform representation of our processes. All procedures and workflow are location- and department-overall recorded. This guarantees you as our value customer a maximum of safety and transparency in the complete process chain.

Principles for responsible procurement

We abide by the principles of human rights, labour standards, the environment and anti-corruption obligations. It is important to us that we live up to our role as an economic and social actor and act prudently and responsibly, respecting the integrity of conduct. This Code defines the high standards that we set ourselves and require of our suppliers. Our business relationships are based on mutual respect and trust and on the principles of this Code.



We at Neumüller
know everything about
the products we sell.

Application areas



Building automation



Household appliances



Smart Home



Industry



Lighting technology



Healthcare / Lighting

Programmable LED power supply NFC or RFID

Reduce your inventory and use LED power supplies with freely programmable output currents from our innovative manufacturers.

Programmable LED power supply NFC



Programmable LED power supply RFID



Benefits:

- One basic type for several end systems | Luminaires
- NFC or RFID programmable without connection of 230V and any data lines
- Programming of complete packaging units (RFID)
- Rational production by integrating the output current programming into the process chain

LED power supply

Autoselect Constant current CC and Constant voltage CV

	Part No.	Output current range* [mA]	LED voltage range* [V _{DC}]	Efficiency [%]	Input voltage [V _{AC}]	Protection	Input voltage [V _{DC}]	t _C [° C]	Length [mm]	Width [mm]	Height [mm]
LT20	LT20-24/833	0 – 833	15 – 23.3	87	198 – 264	IP20	176 – 264	75	153	30	21
	LT40-24/1460	700 – 1,460	10 – 23.5	86	198 – 264	IP20	176 – 264	90	188	30	21
LT40	LT40-24/1460 WP	0 – 1,460	10 – 23	86	198 – 264	IP67	176 – 264	85	200	30	21
	LT40-36/1050 WP	0 – 1,20	30 – 47	91	198 – 264	IP67	–	85	305	30	21
	LT40-48/700 WP	0 – 700	22 – 47	86	198 – 264	IP67	176 – 264	85	200	30	21
	LT50-24/2100 DALI CV	0 – 2,100	24	88	176 – 264	IP20	220 – 240	85	188	30	21
	LT60-24/2500-WP	0 – 2,500	15 – 23.5	90	198 – 264	IP67	176 – 264	70	305	30	21
LT60	LT60-36/1600 WP	0 – 1,600	22 – 36	91	198 – 264	IP67	–	85	305	30	21
	LT60-48/1200 WP	0 – 1,200	30 – 47	91	198 – 264	IP67	–	85	305	30	21

* Units are delivered with the highest indicated voltage and current values

Special Features:

- Voltage and current regulation in one device
- Active PFC from LT 40
- Sustained short-circuit proof
- Overload protection
- Overtemperature protection
- Various mounting options: Screws, cable ties etc.
- Dimming via DALI, 1-10V or switch dimming via external DIMMbox and light control unit
- LT50 -24/2100 DALI 2 with EL approval



LT40: 188mm x 30mm x 21mm



WP: 200mm x 30mm x 21mm

Light Control Unit

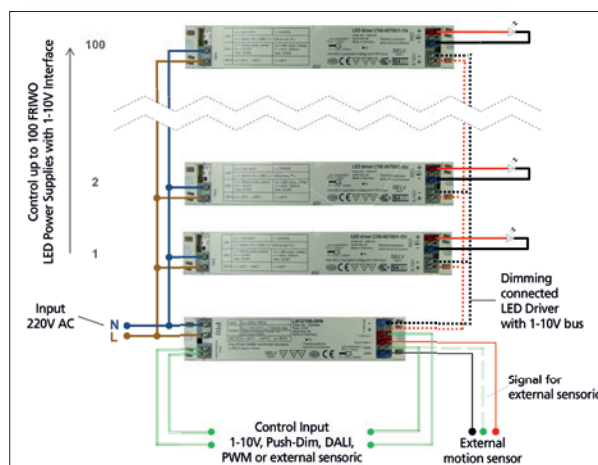
LS12/100-DPA

Part No.	DALI	Push-Dim	1-10V	PWM	Periphery supply [V _{DC}]
LS12/100-DPA	✓	✓	✓	✓	13 ± 1

Function description:

The Light Control Unit is a converter of light-control signals. The output interface is an advanced 1-10V interface. DALI, Push-Dim, a PWM signal or a 1-10V signal can be used as control inputs. In the version LS12/100-A (analogue inputs or low cost version) the control inputs for DALI and Push-Dim are not available. On the output side the interface is tuned to the FRIWO LED drivers with integrated 1-10V interface.

Feature: Up to 100 LED driver controlled with only one Light Control Unit (LS12).



The Light Control Unit converts the input DALI or Push-Dim signal into a 1-10V signal.

The right device is not included? This is just a selection of our product portfolio.

DIMMbox

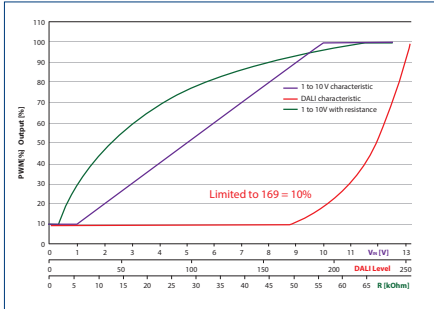
Dimming by Push-Dim | DALI | 1-10V

Part No.	Output voltage [V _{DC}]	Output current [mA]	Protection class	ENEC
DIMMbox	15 – 50	5,000	IP20	✓
DIMMbox 1-10V AUS	15 – 50	5,000	IP20	✓
DIMMbox-CV	max. 48	5,000	IP20	✓

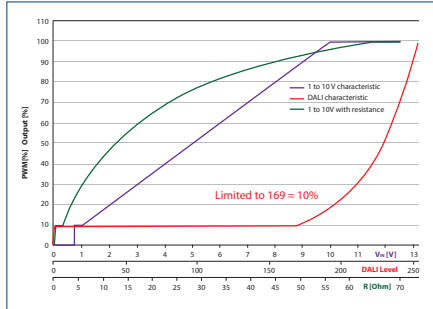


DIMMbox: 153mm x 30mm x 21mm

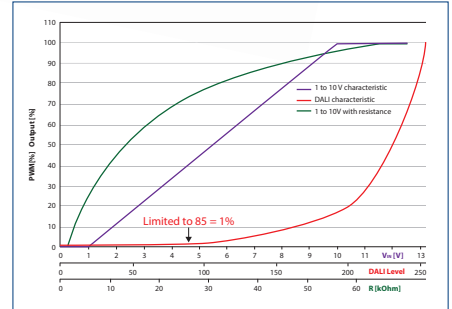
DIMMbox



DIMMbox 1-10V AUS



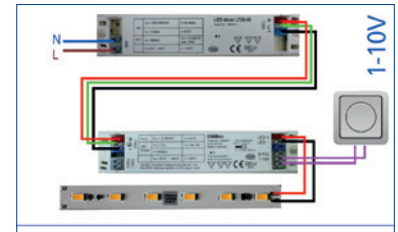
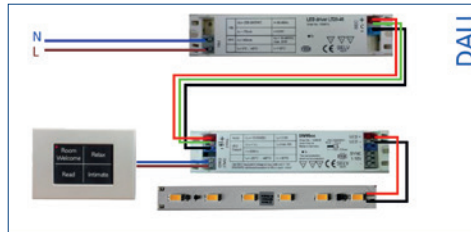
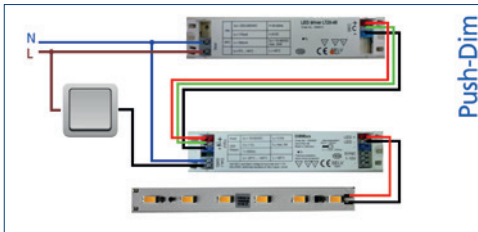
DIMMbox-CV



Function description:

At the input of the DIMMbox a power supply / LED driver is connected, providing the DIMMbox and the connected LEDs with voltage. The brightness control is achieved by pulse width modulation (PWM) of the LED connector. The switching frequency is 600Hz. The DIMMbox-CV is intended for constant voltage operation.

Wiring



Different versions of DIMMbox enable Push-Dim, DALI or 1-10V lighting dimming.

Accessories

LT Cap

Part No.	LT10	LT20	LT40	LT60	LT100	DIMMbox
LT Cap	✓	✓	✓	✓	✓	✓
LT Cap Slim			-SQ	-SQ		
LT Cap Short Slim	✓	✓	✓	✓	✓	✓



LT Cap



LT SQ Cap



LT Cap Short Slim



LED power supply

Cielo 10-50W CC series | Constant current

	Part No.	Output current [mA]	LED voltage range [V _{DC}]
10 W	RCL010-0250A	250	24 – 42
	RCL015-0300A	300	24 – 42
15 W	RCL015-0350A	350	24 – 42
	RCL015-0440A	440	24 – 34
	RCL020-0450A	450	24 – 42
20 W	RCL020-0500A	500	21 – 32
	RCL020-0700A	700	14 – 24
	RCL030-0500A	500	24 – 42
30 W	RCL030-0500AE	500	24 – 42
	RCL030-0620A	620	24 – 42
	RCL030-0700A	700	21 – 32
	RCL030-0700B	700	24 – 42
	RCL030-0900A	900	20 – 27
	RCL030-0900B	900	21 – 32
	RCL040-0700B	700	40 – 56
40 W	RCL040-0800A	800	24 – 42
	RCL040-0900A	900	24 – 42
	RCL050-1050A	1,050	24 – 42
50 W	RCL050-1200A	1,200	24 – 42
	RCL050-1400A	1,400	21 – 32
	RCL050-1400B	1,400	24 – 34

Special Features:

- Two case sizes dependent on power class
- Wide input range 108 – 305 V_{AC}
- Compatible with TRIAC-, ELV- and 1-10V-based dimmers
- E-Types with 198 – 264 V_{AC} Input voltage range
- E-Types compatible with ELV- and 1-10V based dimmers
- Extended temperature range from -30° C to +90° C
- THD <20% and Power Factor >0,9
- Protection Class IP20



Meso series | Programmable

Productselection 25W	Part No.	Output current min. [mA]	Output current max. [mA]
	RMLD-500A-Pxx -Mxx	250	500
	RMLD-500B-Pxx -Mxx	250	500
	RMLD-700A-Pxx -Mxx	350	700
	RMLD-1000A-Pxx -Mxx	500	1.000

Productselection 50W	Part No.	Output current min. [mA]	Output current max. [mA]
	RM50LD-700Axx	350	700
	RM50LD-1050Axx	500	1,050
	RM50LD-1400Axx	700	1,400

Options	xx	Description
	AA	AC Input and Analog - 1-10V dimming
	AD	AC Input and Digital - DALI



Special Features:

- Wide input voltage range 90-305V_{AC}
- Available in plastic and metal housing (P: -30° C to +85° C | M: -30° C to +75° C)
- Emergency power capability available
- Meso 50 RFID wireless programmable

The right device is not included? This is just a selection of our product portfolio.

Strato 35W CC series | Constant current

Part No.	Output current [mA]	LED voltage range [V _{dc}]	Special Features
RSLD035-08B	350	21 – 18	improved PF EMV
RSLD035-12A	350	31.5 – 42	improved PF EMV
RSLD035-16A	350	41 – 54.5	improved PF EMV
RSLD035-10A	440	26 – 34	improved PF EMV
RSLD035-12J	500	31.5 – 42	improved PF EMV
RSLD035-12F	550	31.5 – 42	improved PF EMV
RSLD035-12C	600	31.5 – 42	improved PF EMV
RSLD035-7C	700	17.5 – 23.5	improved PF EMV
RSLD035-9A	700	22.5 – 31.5	
RSLD035-10	700	25 – 35	
RSLD035-11	700	27.5 – 38.5	
RSLD035-12	700	30 – 42	
RSLD035-13	700	32.5 – 45.5	
RSLD035-14	700	35 – 49	
RSLD035-15	700	37.5 – 52.5	improved PF EMV
RSLD035-16	700	40 – 56	
RSLD035-7A	720	17.5 – 24.5	
RSLD035-12E	800	31.5 – 42	improved PF EMV
RSLD035-12G	850	31.5 – 42	improved PF EMV
RSLD035-13A	850	34 – 45.5	improved PF EMV
RSLD035-12H	900	31.5 – 42	improved PF EMV
RSLD035-09	1,000	22.5 – 31.5	
RSLD035-11A	1,050	28.5 – 38	improved PF EMV
RSLD035-6A	1,240	14.5 – 20.1	
RSLD035-4A	1,300	10 – 14	
RSLD035-06	1,400	15 – 21	
RSLD035-07	1,400	17.5 – 24.5	
RSLD035-05	1,750	12.5 – 17.5	

Strato 35W CV | Constant voltage

Part No.	Output current [mA]	LED voltage range [V _{dc}]
RSLP035-12	1,750	12
RSLP035-24	1,500	24
RSLP035-48	750	48

Special Features Strato 35W CC | CV:

- Ultra-compact profile: 70mm x 40mm x 27mm
- Wide range input 108 – 305 V_{AC}
- Extended temperature range from -30° C to +90° C
- Constant current or constant voltage control
- Protection class IP64

Strato 70W CC series | Constant current

Part No.	Output current [mA]	LED voltage range [V _{dc}]
RSLD070-45	350	113 – 158
RSLD070-25	700	63 – 88
RSLD070-14	1,400	33 – 47

Strato 70W CV | Constant voltage

Part No.	Output current [mA]	LED voltage range [V _{dc}]
RSLP070-24	3,000	24
RSLP070-48	1,500	48

Special Features Strato 70W CC | CV:

- Compact profile: 70mm x 57mm x 32mm
- Wide range input 108 – 305 V_{AC}
- Extended temperature range from -30° C to +90° C
- Constant current or constant voltage control
- Protection class IP64



LED power supply

Strato EVO series | Constant current CC (programmable) | Constant voltage CV

Part No.	Output [W]	Output current range [mA]	LED voltage range [V _{DC}]	Efficiency [%]	Input voltage [V _{AC}]	t _c [°C]
RTLD040-900A-XX-YY	39.2	150 – 900	25 – 56	88	90 – 305	90
RTLD040-1400A-XX-YY	39.2	200 – 1,400	20 – 43	88	90 – 305	90

Options	XX	YY	Z
	SA: dimming function 0-10V with IP64	RF: RFID programmable	S: S-Housing with IP64
	DA: dimming function 0-10V and Push-Dim with IP20		D: D-Housing with IP20
	DD: dimming function DALI2 with IP20		

Special Features:

- Optional D-Case as independent control gear
- DALI 2 approval
- Contactless programmable
- Output current range (RFID)
- ENEC, UL, CCC approvals



D-Case:
111.0mm x 40.0mm x 27.0mm



S-Case:
78.0mm x 40.0mm x 27.0mm

GELO 100W Constant voltage CV

Part No.	Output [W]	Output current [mA]	LED voltage [V _{DC}]	Efficiency [%]	Input voltage [V _{AC}]	t _c [°C]
RGLD100-24	100	4,000	24	91	120 – 277	90

Special Features:

- THD < 20% from 50 – 100% load
- Wide operating temperature range
- from -40° C to +90° C
- NEC Class II Model
- IP20 Protection class
- Remote gear function or optionally possible as an independent control gear



GELO 100W:
205.0mm x 40.0mm x 27.0mm

SLIM 30W Constant current CC

Part No.	Output [W]	Output current [mA]	LED voltage range [V _{DC}]	Efficiency [%]	Input voltage [V _{AC}]	t _c [°C]
RSLM-30A	30	700	15 – 42	86	220 – 240	70

Special Features:

- With active PFC
- Dimmable with standardised ELV dimmers (trailing edge)
- NEC Class II Model
- IP20 Protection class
- Remote gear function or as an independent operating device optionally possible



SLIM 30W:
132,0 x 40,0 x 21,0mm



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DLD1000 series

Part No.	Output [W]	Ausgänge	Output current [mA]	LED voltage [V _{DC}]	special Features
DLD1000-H120-DA	1.042	2	700 – 1.400	260 – 520	DALI-2
DLD1000-H120-DX	1.042	2	700 – 1.400	260 – 520	DMX-RDM

DLD1500 series

Part No.	Leistung [W]	Ausgänge	Output current [mA]	LED voltage [V _{DC}]	special Features
DLD1500-H120-DA	1,563	3	700 – 1,400	260 – 520	DALI-2
DLD1500-H120-DX	1,563	3	700 – 1,400	260 – 520	DMX-RDM
DLD1500-L120-DA	1,500	3	350 – 1,200	260 – 520	DALI-2
DLD1500-L120-DX	1,500	3	350 – 1,200	260 – 520	DMX-RDM

Special Features:

- Output power depending on model 500W / 521W
- Single-channel 1x DT6 or 2x DT6 (DLD1000) / 3x DT6 (DLD1500)
- DALI-2 approval
- Protection class IP66



DLD1000 Series
500mm x 150mm x 120mm

Ozone 70W series

Part No.	Output current [mA]	LED voltage range [V _{DC}]
RSOZ070-200-Full	550	120 – 195
RSOZ070-120-Full	1,100	60 – 115
RSOZ070-120-DALI	1,100	60 – 115
RSOZ070-60-Full	2,100	30 – 56
RSOZ070-60-DALI	2,100	30 – 56
RSOZ070-35-Full	2,600	20 – 33

Ozone 150W series

Part No.	Output current [mA]	LED voltage range [V _{DC}]
RSOZ150-300-DALI	700	150 – 295
RSOZ150-180-DALI	1,050	90 – 175
RSOZ150-120-DALI	1,100	60 – 115
RSOZ150-105-DALI	1,500	50 – 100

Special Features:

- Wide input voltage range (120/220 - 240/277V_{AC})
- Overvoltage protection 4kV (70W) and 6kV (150W)
- 5V auxiliary output voltage for -Full variants



LED power supply

Reliable for outdoor use

	Part No.	Nominal Output current [mA]	Adjustable Output current [mA]	LED voltage range [V _{oc}]	LED voltage [V _{oc}]	Efficiency [%]	Input voltage [V _{ac}]
100W	LNE-12V100W ☐ ☐ A	8,000	4,000 – 8,000	06 – 12	12	92	90 – 277
	LNE-24V100W ☐ ☐ A	4,000	2,000 – 4,000	12 – 24	24	92	90 – 277
	LNE-36V100W ☐ ☐ A	2,650	1,325 – 2,650	18 – 36	36	93	90 – 277
	LNE-48V100W ☐ ☐ A	2,000	1,000 – 2,000	24 – 48	48	93	90 – 277
120W	LNE-12V120W ☐ ☐ A	10,000	5,000 – 10,000	06 – 12	12	92	90 – 277
	LNE-24V120W ☐ ☐ A	5,000	2,500 – 5,000	12 – 24	24	92	90 – 277
	LNE-36V120W ☐ ☐ A	3,400	1,700 – 3,400	18 – 36	36	93	90 – 277
	LNE-48V120W ☐ ☐ A	2,500	1,250 – 2,500	24 – 48	48	93	90 – 277
150W	LNE-12V150W ☐ ☐ A	12,500	6,250 – 12,500	06 – 12	12	91	90 – 277
	LNE-24V150W ☐ ☐ A	6,300	3,150 – 6,300	12 – 24	24	93	90 – 277
	LNE-36V150W ☐ ☐ A	4,200	2,100 – 4,200	18 – 36	36	93	90 – 277
	LNE-48V150W ☐ ☐ A	3,200	1,600 – 3,200	24 – 48	48	94	90 – 277
	LNE-54V150W ☐ ☐ A	2,800	1,400 – 2800	24 – 54	54	94	90 – 277
185W	LNE-12V185W ☐ ☐ A	13,000	6,500 – 13,000	6 – 12	12	92	90 – 277
	LNE-24V185W ☐ ☐ A	7,800	3,900 – 7,800	12 – 24	24	93	90 – 277
	LNE-36V185W ☐ ☐ A	5,200	2,600 – 5,200	18 – 36	36	93	90 – 277
	LNE-48V185W ☐ ☐ A	3,900	1,950 – 3,900	24 – 48	48	94	90 – 277
	LNE-54V185W ☐ ☐ A	3,450	1,725 – 3,450	24 – 54	54	94	90 – 277
320W	LNE-12V320W ☐ ☐ A	22,500	11,250 – 22,500	06 – 12	12	94	90 – 277
	LNE-24V320W ☐ ☐ A	13,400	6,670 – 13,400	12 – 24	24	94	90 – 277
	LNE-36V320W ☐ ☐ A	8,900	4,450 – 8,900	18 – 36	36	94	90 – 277
	LNE-48V320W ☐ ☐ A	6,700	3,350 – 6,700	24 – 48	48	94	90 – 277
600W	LNE-36V600W ☐ ☐ A	16,700	-	18 – 36	36	95	120 – 240
	LNE-48V600W ☐ ☐ A	12,500	-	24 – 48	48	95	120 – 240

Variants	
☐	☐
D = dimmable version with IP67 (dimming function: Poti, 1-10V, PWM)	C = European version with 230V _{AC} approved according to ENEC; EN61347-2-13; CE
A = adjustable version with IP65 (adjustable current and voltage)	A = US/Canada version with 120V _{AC} approved to UL
B = IP67 without dimming cable and potentiometer	G = UL, ENEC, CE Certification

Special Features:

- Automatic work mode detection (CC | CV)
- Optional adjustment and dimming functions: potentiometer, 1-10V, PWM
- Working temperature range: -40°C to +70°C
- All models also as US-version with corresponding
- Input voltage and UL approval available
- Active PFC
- Short circuit proof, overload and overtemperature protection
- Particularly high interference immunity



LNE-24V185WA:
228.0mm x 68.0mm x 38.8mm



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LED plug and table power supplies

Constant current CC | constant voltage CV

	Part No.	Output [W]	Output Current [mA]	LED voltage range [V _{oc}]	LED voltage [V _{oc}]	Efficiency [%]	power factor	tc [°C]	Dimensions L x B x H [mm]
plug-in power supplies	ECO-500D07	7	500	6 – 14	-	75	0.5	+75	65.0 x 42.0 x 28.0
	ECO-600D07	7	600	6 – 12	-	75	0.5	+75	65.0 x 42.0 x 28.0
	ECO-350D12	12	350	16 – 34	-	75	0.5	+75	65.0 x 42.0 x 28.0
	ECO-500D12	12	500	12 – 24	-	75	0.5	+75	65.0 x 42.0 x 28.0
	ECO-600D12	12	600	10 – 20	-	75	0.5	+75	65.0 x 42.0 x 28.0
	ECO-700D12	12	700	8 – 18	-	75	0.5	+75	65.0 x 42.0 x 28.0
	ECO-700D20	20	700	15 – 30	-	84	0.5	+75	95.0 x 55.0 x 45.0
	ECO-700D30	30	700	22 – 44	-	86	0.5	+75	95.0 x 55.0 x 45.0
	ECO-12VD07*	7	700	3 – 11	12	75	0.5	+75	65.0 x 42.0 x 28.0
	ECO-24VD07*	7	350	8 – 20	24	75	0.5	+85	65.0 x 42.0 x 28.0
	ECO-12VD12	12	1,000	-	12	75	0.5	+75	65.0 x 42.0 x 28.0
	ECO-24VD12	12	500	-	24	75	0.5	+75	65.0 x 42.0 x 28.0
	ECO-24VD15	15	650	-	24	75	0.5	+75	65.0 x 42.0 x 28.0
	ECO-12VD20	20	1,660	-	12	84	0.5	+75	95.0 x 55.0 x 45.0
	ECO-24VD20	20	840	-	24	84	0.5	+75	95.0 x 55.0 x 45.0
	ECO-12VD30	30	2,500	-	12	84	0.5	+75	95.0 x 55.0 x 45.0
	ECO-24VD30	30	1,250	-	24	86	0.5	+75	95.0 x 55.0 x 45.0
	ECO-24VD36	36	1,500	-	24	88	0.9	+85	95.0 x 55.0 x 45.0
Desktop Power Supplies	ECO-12VU20	20	1,667	-	12	84	0.5	+75	116.0 x 42.5 x 22.0
	ECO-24VU20	20	833	-	24	84	0.5	+75	116.0 x 42.5 x 22.0
	ECO-12VU25	25	2,083	-	12	84	0.5	+75	116.0 x 42.5 x 22.0
	ECO-24VU25	25	1,040	-	24	84	0.5	+75	116.0 x 42.5 x 22.0
	ECO-12VX30	30	2,500	-	12	86	0.9	+75	126.0 x 42.5 x 29.5
	ECO-24VX30	30	1,250	-	24	86	0.9	+75	126.0 x 42.5 x 29.5
	ECO-12VX40	40	3,333	-	12	87	0.9	+80	126.0 x 42.5 x 29.5
	ECO-24VX40	40	1,667	-	24	87	0.9	+80	126.0 x 42.5 x 29.5
	ECO-12VY50	50	4,167	-	12	87	0.9	+80	156.0 x 50.0 x 32.0
	ECO-24VY50	50	2,083	-	24	87	0.9	+80	156.0 x 50.0 x 32.0
	ECO-12VY60	60	5,000	-	12	87	0.9	+85	156.0 x 50.0 x 32.0
	ECO-24VY60	60	2,500	-	24	88	0.9	+85	156.0 x 50.0 x 32.0

* autoselect, constant current or constant voltage operation

Special Features:

- Input voltage: 220 – 240 V_{AC}
- Max. No-load power < 0.5W
- Without dimming function
- Custom output lines possible
- EN61347-2-13, CE
- Set delivery with AC cable possible



Plug-in Power Supply



Desktop Power Supply

LED power supplies

Constant current CC | Constant voltage CV

	Part No.	Output [W]	Output current [mA]	LED-voltage range [V _{DC}]	LED voltage [V _{DC}]	Efficiency [%]	power factor	tc [°C]	EN61347 -2-13	CE	Dimensions L x B x H [mm]
HW03-Serie	HW03-700A03*	3	700	2 – 4	6	68	>0.5	+80	✓	✓	52.3 x 27.3 x 21.4
	HW03-350C04*	3,6	350	5 – 11	12	65	>0.5	+80	✓	✓	80.0 x 38.0 x 22.5
	HW03-12VA04*	4	350	5 – 10,5	12	65	>0.5	+80	✓	✓	52.3 x 27.3 x 21.4
	HW03-12E15	15	1,250	-	12	81	>0.5	+85	✓	✓	122.0 x 39.0 x 18.0
	HW03-24E15	15	625	-	24	82	>0.5	+85	✓	✓	122.0 x 39.0 x 18.0
	HW03-12VF20	20	1,667	-	12	82	>0.5	+85	✓	✓	126.0 x 42.5 x 21.5
	HW03-24VF20	20	833	-	24	83	>0.5	+85	✓	✓	126.0 x 42.5 x 21.5
	HW03-12VH20	20	1,667	-	12	82	>0.5	+85	✓	✓	76.0 x 49.0 x 25.0
	HW03-24VH20	20	833	-	24	83	>0.5	+85	✓	✓	76.0 x 49.0 x 25.0
R-/C-Serie	ECO-350R07	7	350	10 – 20	-	79	>0.5	+85	✓	✓	80.0 x 38.0 x 18.0
	ECO-500R07	7	500	8 – 14	-	79	>0.5	+85	✓	✓	80.0 x 38.0 x 18.0
	ECO-700R07	7	700	3 – 11	-	79	>0.5	+85	✓	✓	80.0 x 38.0 x 18.0
	ECO-350C12	12	350	16 – 34	-	81	>0.5	+85	✓	✓	80.0 x 38.0 x 22.5
	ECO-500C12	12	500	12 – 24	-	81	>0.5	+85	✓	✓	80.0 x 38.0 x 22.5
	ECO-700C12	12	700	8 – 18	-	81	>0.5	+85	✓	✓	80.0 x 38.0 x 22.5
	ECO-12VC12	12	1,000	-	12	80	>0.5	+85	✓	✓	80.0 x 38.0 x 22.5
	ECO-24VC12	12	700	-	24	80	>0.5	+85	✓	✓	80.0 x 38.0 x 22.5
E-Serie	ECO-350E15	15	350	22 – 43	-	81	>0.5	+85	✓	✓	122.0 x 39.0 x 18.0
	ECO-500E15	15	500	15 – 30	-	81	>0.5	+85	✓	✓	122.0 x 39.0 x 18.0
	ECO-600E15	15	600	12 – 25	-	81	>0.5	+85	✓	✓	122.0 x 39.0 x 18.0
	ECO-700E15	15	700	9 – 22	-	81	>0.5	+85	✓	✓	122.0 x 39.0 x 18.0
	ECO-12VE15	15	1,250	-	12	82	>0.5	+85	✓	✓	122.0 x 39.0 x 18.0
	ECO-24VE15	15	650	-	24	82	>0.5	+85	✓	✓	122.0 x 39.0 x 18.0
F-Serie	ECO-350F20	20	350	29 – 58	-	86	>0.9	+85	✓	✓	126.0 x 42.5 x 21.5
	ECO-500F20	20	500	20 – 40	-	86	>0.9	+85	✓	✓	126.0 x 42.5 x 21.5
	ECO-600F20	20	600	17 – 34	-	86	>0.9	+85	✓	✓	126.0 x 42.5 x 21.5
	ECO-700F20	20	700	15 – 29	-	86	>0.9	+85	✓	✓	126.0 x 42.5 x 21.5
	ECO-350F25	25	350	36 – 72	-	86	>0.9	+85	✓	✓	126.0 x 42.5 x 21.5
	ECO-500F25	25	500	25 – 50	-	86	>0.9	+85	✓	✓	126.0 x 42.5 x 21.5
	ECO-600F25	25	600	21 – 42	-	86	>0.9	+85	✓	✓	126.0 x 42.5 x 21.5
	ECO-700F25	25	700	18 – 36	-	86	>0.9	+85	✓	✓	126.0 x 42.5 x 21.5
	ECO-12VF20	20	1,660	-	12	86	>0.9	+85	✓	✓	126.0 x 42.5 x 21.5
	ECO-24VF20	20	833	-	24	86	>0.9	+85	✓	✓	126.0 x 42.5 x 21.5
	ECO-12VF25	25	2,080	-	12	86	>0.9	+85	✓	✓	126.0 x 42.5 x 21.5
	ECO-24VF25	25	1,040	-	24	86	>0.9	+85	✓	✓	126.0 x 42.5 x 21.5

* autoselect, Konstantstrom oder Konstantspannungsbetrieb



ECO-24VNXX:
190.0mm x 60.0mm x 33.0mm

The right device is not included? This is just a selection of our product portfolio.

	Part No.	Output [W]	Output current [mA]	LED-voltage range [V _{DC}]	LED voltage [V _{DC}]	Efficiency [%]	power factor	tc [°C]	EN61347 -2-13	CE	Dimensions L x B x H [mm]
G-Serie	ECO-350G30	30	350	42 – 86	-	87	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-500G30	30	500	28 – 60	-	87	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-600G30	30	600	25 – 50	-	87	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-700G30	30	700	22 – 44	-	87	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-900G30	30	900	17 – 34	-	86	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-1050G30	30	1,050	15 – 30	-	87	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-500G40	40	500	40 – 80	-	87	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-700G42	42	700	28 – 60	-	87	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-900G42	42	900	22 – 46	-	86	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-1250G43	43	1,250	16 – 34	-	87	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-1050G44	44	1,050	20 – 42	-	87	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-12VG30	30	2,500	-	12	88	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-24VG30	30	1,250	-	24	88	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-12VG36	36	3,000	-	12	86	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-24VG36	36	1,500	-	24	86	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-12VG40	40	3,300	-	12	88	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
	ECO-24VG40	40	1,666	-	24	88	>0.9	+85	✓	✓	137.0 x 42.5 x 29.5
P-Serie	ECO-1050P52	52	1,050	25 – 50	-	87	>0.9	+85	✓	✓	166.0 x 50.0 x 32.0
	ECO-12VP50	50	4,100	-	12	87	>0.9	+85	✓	✓	166.0 x 50.0 x 32.0
	ECO-24VP50	50	2,000	-	24	87	>0.9	+85	✓	✓	166.0 x 50.0 x 32.0
	ECO-12VP60	60	5,000	-	12	87	>0.9	+85	✓	✓	166.0 x 50.0 x 32.0
	ECO-24VP60	60	2,500	-	24	87	>0.9	+85	✓	✓	166.0 x 50.0 x 32.0
	ECO-48VP60	60	1,250	-	48	87	>0.9	+85	✓	✓	166.0 x 50.0 x 32.0
N-Serie	ECO-12VN75	75	6,250	-	12	87	>0.9	+85	✓	✓	190.0 x 60.0 x 33.0
	ECO-24VN75	75	3,125	-	24	87	>0.9	+85	✓	✓	190.0 x 60.0 x 33.0
	ECO-12VN80	80	6,600	-	12	87	>0.9	+85	✓	✓	190.0 x 60.0 x 33.0
	ECO-24VN80	80	3,300	-	24	87	>0.9	+85	✓	✓	190.0 x 60.0 x 33.0

Special Features:

- Input voltage: 220 – 240V_{AC}
- Max. No-load power < 0.5W
- Without dimming function
- Independent control gear
- Safety approval according to EN61347-1, EN61347-2-13
- Very good price/output ratio
- Delivery with pre-assembled primary/secondary lines possible

ECO-24VGXX:
137.0mm x 42.5mm x 29.5mm



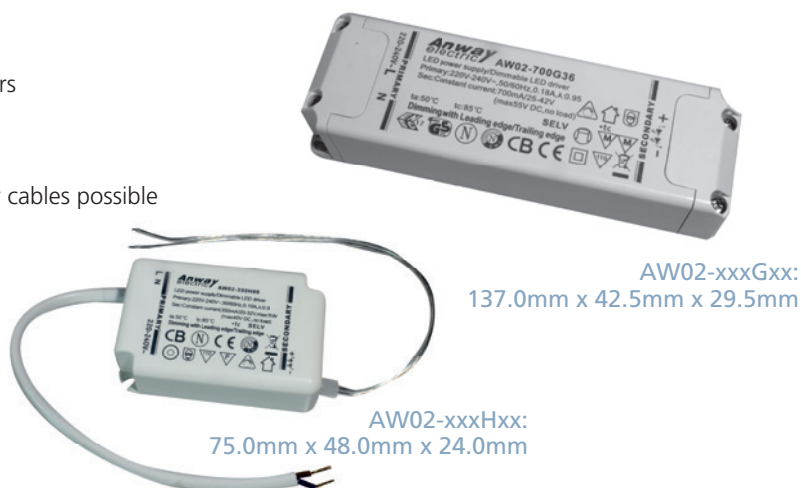
LED-Netzteile with TRIAC

Flicker-free and with high performance

	Part No.	Output [W]	Output current [mA]	LED voltage range [V _{DC}]	Efficiency [%]	Input voltage. [V _{AC}]	ENEC	EN61347-2-13	CE	Dimensions L x B x H [mm]
H-Series	AW02-300H09	10	300	20 – 32	78	220 – 240		✓	✓	75.0 x 48.0 x 24.0
	AW02-350H09	11	350	20 – 32	77	220 – 240		✓	✓	75.0 x 48.0 x 24.0
	AW02-350H12	15	350	30 – 42	79	220 – 240		✓	✓	75.0 x 48.0 x 24.0
	AW02-700H18	15	700	10 – 21	79	220 – 240		✓	✓	75.0 x 48.0 x 24.0
	AW02-500H18	16	500	20 – 32	80	220 – 240		✓	✓	75.0 x 48.0 x 24.0
	AW02-350H15	18	350	40 – 56	82	220 – 240		✓	✓	75.0 x 48.0 x 24.0
E-Series	AW02-350E06	8	350	12 – 21	71	220 – 240	✓	✓	✓	122.0 x 39.0 x 18.0
	AW02-500E08	8	500	9 – 16	73	220 – 240	✓	✓	✓	122.0 x 39.0 x 18.0
	AW02-600E10	10	600	9 – 16	75	220 – 240	✓	✓	✓	122.0 x 39.0 x 18.0
	AW02-350E09	11	350	20 – 32	77	220 – 240	✓	✓	✓	122.0 x 39.0 x 18.0
	AW02-500E12	11	500	12 – 21	78	220 – 240	✓	✓	✓	122.0 x 39.0 x 18.0
	AW02-600E12	11	600	9 – 16	77	220 – 240	✓	✓	✓	122.0 x 39.0 x 18.0
	AW02-700E12	12	700	9 – 16	76	220 – 240	✓	✓	✓	122.0 x 39.0 x 18.0
	AW02-350E12	15	350	28 – 42	81	220 – 240	✓	✓	✓	122.0 x 39.0 x 18.0
F-Series	AW02-600F15	13	600	12 – 21	80	220 – 240	✓	✓	✓	126.0 x 45.5 x 21.5
	AW02-700F18	15	700	12 – 21	81	220 – 240	✓	✓	✓	126.0 x 45.5 x 21.5
	AW02-500F18	16	500	20 – 32	81	220 – 240	✓	✓	✓	126.0 x 45.5 x 21.5
	AW02-350F15	20	350	35 – 56	82	220 – 240	✓	✓	✓	126.0 x 45.5 x 21.5
	AW02-600F22	20	600	20 – 32	82	220 – 240	✓	✓	✓	126.0 x 45.5 x 21.5
	AW02-500F24	21	500	26 – 42	83	220 – 240	✓	✓	✓	126.0 x 45.5 x 21.5
	AW02-700F27	23	700	20 – 32	83	220 – 240	✓	✓	✓	126.0 x 45.5 x 21.5
	AW02-350F20	25	350	52 – 70	84	220 – 240	✓	✓	✓	126.0 x 45.5 x 21.5
G-Series	AW02-500G32	26	500	35 – 52	84	220 – 240	✓	✓	✓	137.0 x 42.5 x 29.5
	AW02-700G36	30	700	25 – 42	84	220 – 240	✓	✓	✓	137.0 x 42.5 x 29.5
	AW02-600G37	34	600	32 – 56	86	220 – 240	✓	✓	✓	137.0 x 42.5 x 29.5
	AW02-500G40	35	500	50 – 70	86	220 – 240	✓	✓	✓	137.0 x 42.5 x 29.5
	AW02-350G30	37	350	70 – 105	87	220 – 240	✓	✓	✓	137.0 x 42.5 x 29.5
	AW02-600G45	38	600	45 – 62	86	220 – 240	✓	✓	✓	137.0 x 42.5 x 29.5
	AW02-700G48	40	700	35 – 56	87	220 – 240	✓	✓	✓	137.0 x 42.5 x 29.5
	AW02-500G42	42	500	50 – 84	84	220 – 240	✓	✓	✓	137.0 x 42.5 x 29.5
	AW02-700G42	42	700	35 – 60	84	220 – 240	✓	✓	✓	137.0 x 42.5 x 29.5
	AW02-1050G42	42	1,050	30 – 40	82	220 – 240	✓	✓	✓	137.0 x 42.5 x 29.5

Special Features:

- Compatible with many common TRIAC dimmers
- Working temperature range: -20° C to +50° C
- Independent control gear
- Delivery with pre-assembled primary/secondary cables possible



The right device is not included? This is just a selection of our product portfolio.

LED-Netzteile

Mit 3-Step Dimmfunktion

	Part No.	Output [W]	Output current [mA]	LED voltage range [V _{DC}]	Efficiency [%]	Input voltage [V _{AC}]	EN61347-2-13	CE	Dimensions L x B x H [mm]
R-Serie	HW03-350R05SD	5	350	6 – 15	72	220 – 240	✓	✓	80,0 x 38,0 x 18,0
	HW03-500R05SD	5	500	5 – 10,5	70	220 – 240	✓	✓	80,0 x 38,0 x 18,0
E-Serie	HW03-350E12SD	12	350	25 – 34	79	220 – 240	✓	✓	122,0 x 39,0 x 18,0
	HW03-500E12SD	12	500	12 – 24	78	220 – 240	✓	✓	122,0 x 39,0 x 18,0
	HW03-700E12SD	12	700	9 – 18	77	220 – 240	✓	✓	122,0 x 39,0 x 18,0
F-Serie	HW03-350F22SD	22	350	35 – 60	85,5	220 – 240	✓	✓	126,0 x 42,5 x 21,5
	HW03-500F22SD	22	500	26 – 44	85	220 – 240	✓	✓	126,0 x 42,5 x 21,5
	HW03-700F22SD	22	700	18 – 32	84	220 – 240	✓	✓	126,0 x 42,5 x 21,5
G-Serie	HW03-500G30SD	30	500	36 – 60	86	220 – 240	✓	✓	137,0 x 42,5 x 29,5
	HW03-700G30SD	30	700	22 – 44	86	220 – 240	✓	✓	137,0 x 42,5 x 29,5
	HW03-700G40SD	40	700	36 – 60	86	220 – 240	✓	✓	137,0 x 42,5 x 29,5
	HW03-1050G42SD	42	1.050	20 – 42	86	220 – 240	✓	✓	137,0 x 42,5 x 29,5
P-Serie	HW03-500P60SD	60	500	36 – 60	87	220 – 240	✓	✓	166,0 x 50,0 x 32,0

Special Features:

- Push dimming function via the 230V_{AC} mains input
- Protection Class IP20
- Remote-Gear-Function or independent control gear



HW03-xxxExx:

122.0mm x 39.0mm x 18.0mm



Super Slim Line

Constant current CC

Part No.	Output [W]	Output current [mA]	LED voltage range [V _{DC}]	Length [mm]	Width [mm]	Height [mm]
BCD-025-C050-XXX	25	500	30 – 50	191	36	30
BCD-025-C070-XXX	25	700	21 – 36	191	36	30
BCD-050-C070-XXX	50	700	43 – 72	288	36	30
BCD-050-C105-XXX	50	1,050	28 – 48	288	36	30
BCD-050-C140-XXX	50	1,400	21 – 36	288	36	30
BCD-050-C210-XXX	50	2,100	14 – 24	288	36	30
BCD-075-C070-XXX	75	700	64 – 107	288	36	30
BCD-075-C105-XXX	75	1,050	43 – 71	288	36	30
BCD-075-C140-XXX	75	1,400	32 – 54	288	36	30
BCD-075-C210-XXX	75	2,100	21 – 36	288	36	30
BCD-075-C280-XXX	75	2,800	16 – 27	288	36	30
BCD-096-C050-XXX-NV0000	96	500	115 – 274	288	36	30
BCD-096-C105-XXX-NV0000	96	1,050	55 – 137	288	36	30
BCD-096-C140-XXX-NV0000	96	1,400	41 – 91	288	36	30
BCD-096-C210-XXX-NV0000	96	2,100	27 – 69	288	36	30
BCD-096-C280-XXX-NV0000	96	2,800	21 – 46	288	36	30

Special Features:

- Vertical Farming | Horticulture suitable
- Wide input voltage range from 90 - 305V_{AC} | 127 - 420V_{DC}
- Dimming functions: 0-10V, PWM, Time, DALI, DMX (RDM)
- Working temperature range from -40° C to +70° C
- Very high noise immunity of 10kV
- Class I and Class II models available
- Auxiliary current of 12V 300mA
- Optional cold start function from -55° C
- Protection class IP67

Power Supplies for Horticulture Applications

Vertical Farming with uPowerTek



The right device is not included? This is just a selection of our product portfolio.

Super Slim Line

Constant voltage CV

Part No.	Output [W]	Output current [mA]	LED voltage range [V _{dc}]	Length [mm]	Width [mm]	Height [mm]
BCD-050-V012-XXX	50	4,160	12	288	36	30
BCD-050-V024-XXX	50	2,080	24	288	36	30
BCD-060-V012-XXX	60	5,000	12	288	36	30
BCD-060-V024-XXX	60	2,500	24	288	36	30
BCD-075-V012-XXX	75	6,250	12	288	36	30
BCD-075-V024-XXX	75	3,125	24	288	36	30
BCD-096-V012-XXX-NV0000	96	8,000	12	288	36	30
BCD-096-V024-XXX-NV0000	96	4,000	24	288	36	30

Special Features:

- Vertical Farming | Horticulture suitable
- Wide input voltage range from 90 - 305V_{AC} | 127 - 420V_{DC}
- Dimming functions: 0-10V, PWM, Time, DALI, DMX (RDM)
- Working temperature range from -40° C to +70° C
- Very high noise immunity of 10kV
- Class I and Class II models available
- Auxiliary current of 12V 300mA
- Optional cold start function from -55° C
- Protection class IP67

Part Number Format uPowerTek

AAA - BBB - Z YYYY - XX X

Connection cable:

K,U = UL-cable

S,C = VDE cable, Protection class 1

D,E = VDE cable, Protection class 2

Available dimming function: *

NN | DN | EN | TR | ER | AN | AR | MR

Output voltage | Output current

V = Constant Voltage | C = Constant Current

Power class

Part No. series (BCD | BLD | BSD | BSR | TLD)

*available dimming functions

XX =	Interface	Contactless NFC programmable	12Vaux	Dim-off
NN	-	-	-	-
DN	0-10V	-	-	-
EN	0-10V	-	✓	✓
TR	Time	✓	-	-
ER	0-10V PWM Time	✓	✓	✓
AN	DALI	-	-	✓
AR	DALI	✓	-	✓
MR	DMX	✓	-	✓

LED-Netzteile Constant current CC

Best performance for the highest demands in the outdoor sector

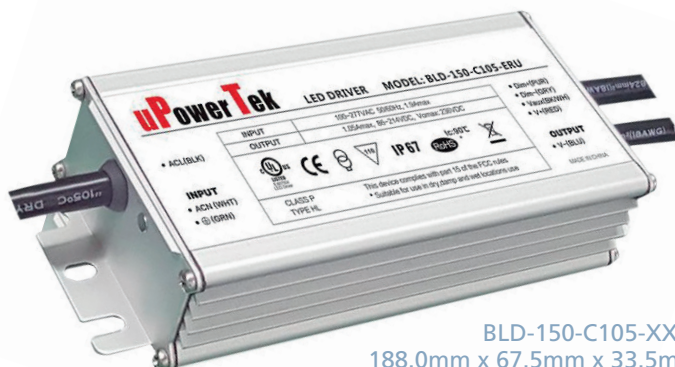
Part No.	Output [W]	Output current range [mA]	LED voltage range [V _{DC}]	Length [mm]	Width [mm]	Height [mm]
BLD-030-C070-XXX	30	500 – 700	26 – 60	158	67.5	33.5
BLD-030-C105-XXX	30	700 – 1,050	17 – 43	158	67.5	33.5
BLD-030-C140-XXX	30	1,050 – 1,400	13 – 28	158	67.5	33.5
BLD-040-C070-XXX	40	500 – 700	34 – 80	158	67.5	33.5
BLD-040-C105-XXX	40	700 – 1,050	23 – 57	158	67.5	33.5
BLD-040-C140-XXX	40	1,040 – 1,400	17 – 38	158	67.5	33.5
BLD-050-C105-XXX	50	700 – 1,050	29 – 71	158	67.5	33.5
BLD-050-C140-XXX	50	1,050 – 1,400	21 – 48	158	67.5	33.5
BLD-050-C280-XXX	50	1,400 – 2,100	14 – 36	158	67.5	33.5
BLD-060-C105-XXX	60	700 – 1,050	34 – 86	158	67.5	33.5
BLD-060-C140-XXX	60	1,050 – 1,400	26 – 57	158	67.5	33.5
BLD-060-C210-XXX	60	1,400 – 2,100	17 – 43	158	67.5	33.5
BLD-075-C050-XXX	75	350 – 500	90 – 214	158	67.5	33.5
BLD-075-C070-XXX	75	500 – 700	64 – 150	158	67.5	33.5
BLD-075-C105-XXX	75	700 – 1,050	43 – 107	158	67.5	33.5
BLD-075-C140-XXX	75	1,050 – 1,400	32 – 71	158	67.5	33.5
BLD-075-C210-XXX	75	1,400 – 2,100	21 – 54	158	67.5	33.5
BLD-075-C280-XXX	75	2,100 – 2,800	16 – 36	158	67.5	33.5
BLD-096-C050-XXX	96	350 – 500	115 – 274	188	67.5	33.5
BLD-096-C070-XXX	96	500 – 700	82 – 192	188	67.5	33.5
BLD-096-C105-XXX	96	700 – 1050	55 – 137	188	67.5	33.5
BLD-096-C140-XXX	96	1,050 – 1,400	41 – 91	188	67.5	33.5
BLD-096-C210-XXX	96	1,400 – 2,100	27 – 69	188	67.5	33.5
BLD-096-C280-XXX	96	2,100 – 2,800	21 – 46	188	67.5	33.5
BLD-096-C420-XXX	96	2,900 – 4,200	14 – 33	188	67.5	33.5
BLD-096-C050-XXX-NV0000	96	350 – 500	115 – 274	158	67.5	38.5
BLD-096-C070-XXX-NV0000	96	500 – 700	82 – 192	158	67.5	38.5
BLD-096-C105-XXX-NV0000	96	700 – 1,050	55 – 137	158	67.5	38.5
BLD-096-C140-XXX-NV0000	96	1,050 – 1,400	41 – 91	158	67.5	38.5
BLD-096-C210-XXX-NV0000	96	1,400 – 2,100	27 – 69	158	67.5	38.5
BLD-096-C280-XXX-NV0000	96	2,100 – 2,800	21 – 46	158	67.5	38.5
BLD-096-C420-XXX-NV0000	96	2,900 – 4,200	14 – 33	158	67.5	38.5
BLD-120-C105-XXX	120	700 – 1,050	69 – 171	188	67.5	33.5
BLD-120-C140-XXX	120	1,050 – 1,400	51 – 114	188	67.5	33.5
BLD-120-C280-XXX	120	2,100 – 2,800	26 – 57	188	67.5	33.5
BLD-120-C380-XXX	120	2,800 – 3,800	19 – 43	188	67.5	33.5
BLD-120-C105-XXX-NV0000	120	700 – 1,050	69 – 171	158	67.5	38.5
BLD-120-C140-XXX-NV0000	120	1,050 – 1,400	51 – 114	158	67.5	38.5
BLD-120-C280-XXX-NV0000	120	2,100 – 2,800	26 – 57	158	67.5	38.5
BLD-120-C380-XXX-NV0000	120	2,800 – 3,800	19 – 43	158	67.5	38.5
BLD-150-C050-XXX	150	350 – 500	180 – 429	188	67.5	33.5
BLD-150-C070-XXX	150	500 – 700	129 – 300	188	67.5	33.5
BLD-150-C105-XXX	150	700 – 1,050	86 – 214	188	67.5	33.5
BLD-150-C140-XXX	150	1,050 – 1,400	64 – 143	188	67.5	33.5
BLD-150-C210-XXX	150	1,400 – 2,100	43 – 107	188	67.5	33.5
BLD-150-C380-XXX	150	2,600 – 3,800	24 – 58	188	67.5	33.5
BLD-150-C630-XXX	150	4,000 – 6,300	14 – 38	188	67.5	33.5
BLD-200-C105-XXX-CP0000	200	700 – 1,050	114 – 286	201	67.5	38.5

The right device is not included? This is just a selection of our product portfolio.

Part No.	Output [W]	Output current range [mA]	LED voltage range [V _{DC}]	Length [mm]	Width [mm]	Height [mm]
BLD-200-C140-XXX-CP0000	200	1,050 – 1,400	86 – 190	201	67.5	38.5
BLD-200-C210-XXX-CP0000	200	1,400 – 2,100	57 – 143	201	67.5	38.5
BLD-200-C420-XXX-CP0000	200	2,800 – 4,200	29 – 71	201	67.5	38.5
BLD-200-C630-XXX-CP0000	200	4,400 – 6,300	19 – 45	201	67.5	38.5
BLD-240-C105-XXX	240	700 – 1,050	143 – 357	242	67.5	38.5
BLD-240-C140-XXX	240	1,050 – 1,400	107 – 238	242	67.5	38.5
BLD-240-C210-XXX	240	1,400 – 2,100	71 – 179	242	67.5	38.5
BLD-240-C280-XXX	240	2,100 – 2,800	50 – 119	242	67.5	38.5
BLD-240-C420-XXX	240	2,800 – 4,200	36 – 89	242	67.5	38.5
BLD-240-C690-XXX	240	4,800 – 6,900	22 – 52	242	67.5	38.5
BLD-320-C105-XXX-CP0000	320	760 – 1,050	183 – 421	251	68.0	38.5
BLD-320-C140-XXX-CP0000	320	1,050 – 1,400	137 – 305	251	68.0	38.5
BLD-320-C210-XXX-CP0000	320	1,400 – 2,100	91 – 229	251	68.0	38.5
BLD-320-C420-XXX-CP0000	320	2,800 – 4,200	46 – 114	251	68.0	38.5
BLD-320-C700-XXX-CP0000	320	5,000 – 7,000	27 – 64	251	68.0	38.5
BLD-400-C210-XXX	400	1,400 – 2,100	114 – 286	251	90.0	41.5
BLD-400-C420-XXX	400	2,800 – 4,200	57 – 143	251	90.0	41.5
BLD-400-C990-XXX	400	6,900 – 9,900	24 – 58	251	90.0	41.5
BLD-400-C210-XXX-HP0000	480	2,100	137 – 228	251	90.0	41.5
BLD-400-C420-XXX-HP0000	480	4,200	69 – 115	251	90.0	41.5
BLD-400-C121-XXX-HP0000	480	12,000	24 – 40	251	90.0	41.5

Special Features:

- Optional dimming functions: DALI, 0-10V, DIMoff, PWM and Time
- Wide input voltage range: 90 – 305V_{AC} | 127 – 420V_{DC}
- Working temperature range: -40° C to +70° C
- Very high noise immunity 6KV DM and 10KV CM
- > 100,000 hours lifetime at Tc +75° C
- Efficiency up to 93
- Programmable maximum output current (contactless NFC)
- Optional CLO - Constant Lumen Output pre-programmable available



BLD-150-C105-XXX:
188.0mm x 67.5mm x 33.5mm



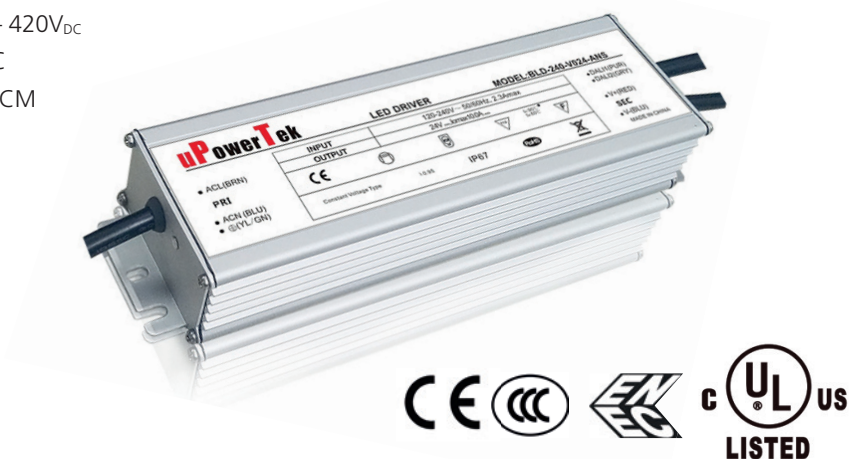
LED power supplies Constant voltage CV

Best performance for highest demands in the outdoor sector

Part No.	Output [W]	Output current [mA] max.	LED voltage [V _{DC}]	Length [mm]	Width [mm]	Height [mm]
BLD-040-V012-XXX	40	3,300	24	158	67.5	33.5
BLD-040-V024-XXX	40	1,700	24	158	67.5	33.5
BLD-050-V012-XXX	50	4,200	12	158	67.5	33.5
BLD-050-V024-XXX	50	2,100	24	158	67.5	33.5
BLD-050-V048-XXX	50	1,100	48	158	67.5	33.5
BLD-060-V012-XXX	60	5,000	12	158	67.5	33.5
BLD-060-V024-XXX	60	2,500	24	158	67.5	33.5
BLD-060-V048-XXX	60	1,300	48	158	67.5	33.5
BLD-075-V012-XXX	75	3,100	24	158	67.5	33.5
BLD-075-V024-XXX	75	3,100	24	158	67.5	33.5
BLD-075-V048-XXX	75	1,600	48	158	67.5	33.5
BLD-096-V024-XXX-NV0000	96	4,000	24	131	67.5	38.5
BLD-096-V048-XXX-NV0000	96	2,000	48	131	67.5	38.5
BLD-100-V012-XXX	100	8,300	12	161	67.5	33.5
BLD-100-V024-XXX	100	4,150	24	161	67.5	33.5
BLD-100-V048-XXX	100	2,100	48	161	67.5	33.5
BLD-120-V012-XXX	120	10,000	12	161	67.5	33.5
BLD-120-V024-XXX	120	5,000	24	161	67.5	33.5
BLD-120-V048-XXX	120	2,500	48	161	67.5	33.5
BLD-120-V024-XXX-NV0000	120	5,000	24	131	67.5	38.5
BLD-120-V048-XXX-NV0000	120	2,500	48	131	67.5	38.5
BLD-150-V012-XXX	150	12,500	12	188	67.5	33.5
BLD-150-V024-XXX	150	6,300	24	188	67.5	33.5
BLD-150-V048-XXX	150	3,200	48	188	67.5	33.5
BLD-200-V012-XXX	200	16,700	12	251	68.0	38.5
BLD-200-V024-XXX-CP0000	200	8,300	24	174	67.5	38.5
BLD-200-V048-XXX-CP0000	200	4,200	48	201	67.5	38.5
BLD-240-V012-XXX	240	20,000	12	242	67.5	38.5
BLD-240-V018-XXX	240	13,300	18	242	67.5	38.5
BLD-240-V024-XXX	240	10,000	24	242	67.5	38.5
BLD-240-V048-XXX	240	5,000	48	242	67.5	38.5
BLD-320-V016-XXX	320	20,000	16	251	90.0	41.5

Special Features:

- Optional dimming functions: DALI, 0-10V, DIMoff
- Wide input voltage range: 90 – 305V_{AC} | 127 – 420V_{DC}
- Working temperature range: -40° C to +70° C
- Very high noise immunity 6KV DM and 10KV CM
- > 100,000 hours lifetime at Tc +75° C
- Efficiency up to 93



The right device is not included? This is just a selection of our product portfolio.

Part No.	Output [W]	Output current [mA] max.	LED voltage [V _{DC}]	Length [mm]	Width [mm]	Height [mm]
BLD-320-V018-XXX	320	17,700	18	251	90	41.5
BLD-320-V024-XXX-CP0000	320	13,300	24	251	68	38.5
BLD-320-V048-XXX-CP0000	320	6,700	48	225	68	38.5
BLD-400-V012-XXX	400	33,300	24	251	90	41.5
BLD-400-V024-XXX-HP0000	480	20,000	24	251	90	41.5
BLD-400-V024-XXX	400	16,700	24	251	90	41.5
BLD-400-V048-XXX-HP0000	480	20,000	48	251	90	41.5
BLD-400-V048-XXX	400	8,300	48	251	90	41.5

Cost Performance

Isolated Dimming

Part No.	Output [W]	Output current [mA]	LED voltage range [V _{DC}]	Length [mm]	Width [mm]	Height [mm]
BSD-030-C070-XXX	30	700	24 – 43	118.5	33.0	30
BSD-050-C105-XXX	50	1,050	25 – 48	118.5	33.0	30
BSD-075-C105-XXX	75	1,050	36 – 71	138.0	45.5	30
BSD-075-C140-XXX	75	1,400	27 – 53	138.0	45.5	30
BSD-096-C105-XXX	100	1,050	50 – 96	138.0	45.5	30
BSD-096-C140-XXX	100	1,400	36 – 71	138.0	45.5	30
BSD-096-C210-XXX	100	2,100	25 – 48	138.0	45.5	30
BSD-120-C105-XXX	120	1,050	69 – 114	242.0	43.4	30
BSD-120-C140-XXX	120	1,400	51 – 86	242.0	43.4	30
BSD-120-C210-XXX	120	2,100	34 – 57	242.0	43.4	30
BSD-120-C280-XXX	120	2,800	26 – 43	242.0	43.4	30
BSD-150-C105-XXX	150	1,050	86 – 214	242.0	43.4	30
BSD-150-C140-XXX	150	1,400	64 – 143	242.0	43.4	30
BSD-150-C210-XXX	150	2,100	43 – 107	242.0	43.4	30
BSD-150-C380-XXX	150	3,800	24 – 58	242.0	43.4	30

Special Features:

- Optional dimming function: 0-10V
- Protection class IP54
- Protection class I and II
- Wide input voltage range from 108 - 305V_{AC} | 127 - 420V_{DC}



NFC programmable

Slim Line Constant current CC

Part No.	Output [W]	Output current [mA]	LED voltage range [V _{DC}]	Length [mm]	Width [mm]	Height [mm]
BSR-055-C210-XXX	55	1,050 – 2,100	16 – 52	280	29.4	25.4
BSR-055-C105-XXX	55	500 – 1,050	31 – 110	280	29.4	25.4
BSR-080-C210-XXX	80	1,050 – 2,100	23 – 76	360	29.4	25.4
BSR-080-C105-XXX	80	500 – 1,050	45 – 160	360	29.4	25.4

Slim Line Konstantspannung CV

Part No.	Output [W]	Output current [mA]	LED voltage range [V _{DC}]	Length [mm]	Width [mm]	Height [mm]
BSR-055-V024-XXX	55	2,300	24	378	30	21
BSR-080-V024-XXX	80	3,330	24	378	30	21

Special Features:

- dimming function: up to 1% Dimming, DALI, DimToOff, PWM, 0-10V
- IP20 Protection class
- NFC programmable
- Wide input voltage range from 90 – 305V_{AC} | 127 – 250V_{DC}
- Auxiliary current of 12V 300mA optionally available



BSR-055 series:
280.0mm x 29.4mm x 25.4mm

Bluetooth Controller

The simplest connection

Part No.	Interface	LED voltage range [V _{DC}]	Cable types
CTR-BLE-DNB-TYA001	Bluetooth App - Tuya	✓	UL cable
CTR-BLE-DNC-TYA001		✓	UL cable with connector

Special Features:

- Remote control for uPowerTek LED power supplies
- Smart housing 52.0mm x 22.0mm x 22.0mm (L x W x H)
- Working temperature range from -30° C to +70° C
- Bluetooth control via Tuya (app) for Apple and Andriod in store



CTR-BLE-DNB-TYA001:
52.0mm x 22.0mm x 22.0mm



The right device is not included? This is just a selection of our product portfolio.

Constant current CC

With AC high-voltage input

Part No.	Output [W]	Output current [mA]	LED voltage range [V _{DC}]	Length [mm]	Width [mm]	Height [mm]
TLD-160-C630-XXX	160	4,400 – 6,300	14 – 36	251	68	38.5
TLD-160-C420-XXX	160	2,800 – 4,200	23 – 55	251	68	38.5
TLD-160-C210-XXX	160	1,400 – 2,100	46 – 114	251	68	38.5
TLD-160-C140-XXX	160	1,050 – 1,400	69 – 152	251	68	38.5
TLD-160-C105-XXX	160	700 – 1,050	91 – 229	251	68	38.5
TLD-200-C630-XXX	200	4,400 – 6,300	19 – 45	251	68	38.5
TLD-200-C420-XXX	200	2,800 – 4,200	29 – 71	251	68	38.5
TLD-200-C210-XXX	200	1,400 – 2,100	57 – 143	251	68	38.5
TLD-200-C140-XXX	200	1,050 – 1,400	86 – 190	251	68	38.5
TLD-200-C105-XXX	200	700 – 1,050	114 – 286	251	68	38.5
TLD-240-C690-XXX	240	4,800 – 6,900	22 – 50	251	68	38.5
TLD-240-C420-XXX	240	2,800 – 4,200	36 – 89	251	68	38.5
TLD-240-C210-XXX	240	1,400 – 2,100	71 – 179	251	68	38.5
TLD-240-C140-XXX	240	1,050 – 1,400	107 – 238	251	68	38.5
TLD-240-C105-XXX	240	700 – 1,050	143 – 357	251	68	38.5
TLD-320-C700-XXX	320	5,000 – 7,000	27 – 64	263	90	41.5
TLD-320-C420-XXX	320	2,800 – 4,200	46 – 114	263	90	41.5
TLD-320-C210-XXX	320	1,400 – 2,100	91 – 229	263	90	41.5
TLD-320-C140-XXX	320	1,050 – 1,400	137 – 305	263	90	41.5
TLD-400-C990-XXX	400	6,900 – 9,900	24 – 58	267	90	41.5
TLD-400-C420-XXX	400	2,800 – 4,200	57 – 142	267	90	41.5
TLD-400-C210-XXX	400	1,400 – 2,100	114 – 286	267	90	41.5
TLD-600-C600-XXX	600	6,000	60 – 100	288	36	30
TLD-600-C830-XXX	600	8,300	43 – 72	191	36	30
TLD-600-C11A-XXX	600	11,000	33 – 55	191	36	30

Constant voltage CV

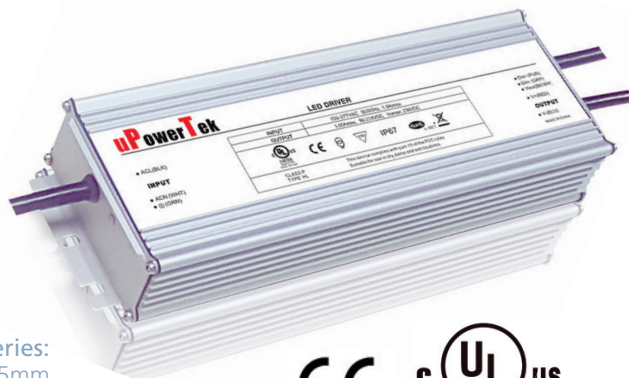
With AC high-voltage input

Part No.	Output [W]	Output current [mA]	LED voltage range [V _{DC}]	Length [mm]	Width [mm]	Height [mm]
TLD-240-V024-XXX	240	10.000	24	251	68	38.5
TLD-240-V048-XXX	240	5.000	48	251	68	38.5
TLD-320-V024-XXX	320	13.300	24	263	90	41.5
TLD-320-V048-XXX	320	6.600	48	263	90	41.5
TLD-400-V024-XXX	400	16.700	24	267	90	41.5
TLD-400-V048-XXX	400	8.300	48	267	90	41.5

Special Features:

- Wide input voltage range from 180 – 528 V_{AC} | 250 – 740V_{DC}
- dimming function: up to 2% Dimming, DALI, DimToOff, PWM, 0–10V, Time, DMX
- IP67 Protection class
- Very high immunity of 10kV
- NFC programmable
- Auxiliary current of 12V 300mA and fan optionally available
- UL Class P approval

TLD-240 series:
251.0mm x 68.0mm x 38.5mm



Anway
electric



Enedo



uPowerTek



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