



LUCOLED POWER SUPPLIES AND CONTROLS

- *Up to 7 years warranty*
- *Wide Voltage Input*
- *OVP, OCP, SCP, OTP protection function*
- *IP67 / IP68 Rating*
- *Class 2*
- *Dim option*

Lucoled offers a full range of Premium Power Supplies. The various power options help you to match the installed power capacity to the total power used by your LED installation.

Lucoled Premium Power Supplies are designed and tested for safety, long life and reliability.

All power supplies are designed for outdoor use and carry all required international agency markings.

SPECIFICATIONS 12V POWER SUPPLIES

Output Voltage	12V
Working temperature range	-40°C~+65°C
Input Voltage Range	100VAC~240VAC
Input Frquency Range	50~60Hz
Protective Characteristics	Over-Current, Short-Circuit, Over Voltage and Over-Temperature protection
IP Rating	IP68
MTBF	≥70000hrs. MIL-HDBK-217F(25°C)
Warranty	7 Years, first 2 years extended.

Code	Output Current	Output Power	Input Current	Efficiency	Size (l x w x h)	Weight
PP1260	5A	60W	0.65A/115V - 0.35A/230V	≥86%	184x44x34mm	0,52kg
PP12100	8.33A	100W	1.1A/115V - 0.55A/230V	≥90%	204x67x35mm	0,88kg
PP12150	12.5A	150W	1.6A/115V - 0.8A/230V	≥92%	234x68x35mm	1kg
PP12200	16A	200W	2.8A max	≥88%	295x60x36mm	1,1kg

SPECIFICATIONS 24V POWER SUPPLIES

Output Voltage	24V
Working temperature range	-40°C~+65°C
Input Voltage Range	100VAC~240VAC
Input Frquency Range	50~60Hz
Protective Characteristics	Over-Current, Short-Circuit, Over Voltage and Over-Temperature protection
IP Rating	IP68
MTBF	≥70000hrs. MIL-HDBK-217F(25°C)
Warranty	7 Years, first 2 years extended.

Code	Output Current	Output Power	Input Current	Efficiency	Size (l x w x h)	Weight
PP2430	1.25A	30W	0.35A/115V - 0.19A/230V	≥84%	187x41x29mm	0,5kg
PP2460	2.5A	60W	0.65A/115V - 0.35A/230V	≥87%	184x44x34mm	0,52kg
PP24100	4.16A	100W	1.1A/115V - 0.55A/230V	≥92%	204x67x35mm	0,88kg
PP24150	6.25A	150W	1.6A/115V - 0.8A/230V	≥93%	234x68x35mm	1kg
PP24200	8.34A	200W	2.8A max	≥90%	295x60x36mm	1,1kg



IP68

Important:

- Lucoled recommends loading power supplies up to 90% of their maximum listed capacity.
- Select a power supply for your installation loaded at more than 50% of its maximum load to meet Power Factor regulations.
- Install with adequate ventilation and not in direct sunlight.
- Power supplies to be installed by trained and certified staff.

SPECIFICATIONS 24V SLIM POWER SUPPLIES

Output Voltage	24V
Working temperature range	-25°C~+45°C
Input Voltage Range	200VAC~240VAC
Input Frquency Range	50~60Hz
Protective Characteristics	Over-Current, Short-Circuit, Over Voltage protection
IP Rating	IP67
MTBF	≥50000hrs. MIL-HDBK-217F(25°C)
Warranty	7 Years, first 2 years extended.

Code	Output Current	Output Power	Input Current	Efficiency	Size (l x w x h)	Weight
PPS2430	1.25A	30W	0.22A/200-240VAC	≥85%	239x35x20mm	0,32kg
PPS2460	2.5A	60W	0.38A/200-240VAC	≥87%	295x35x20mm	0,42kg

SPECIFICATIONS SLIM SHORT POWER SUPPLIES

Output Voltage	12V
Working temperature range	-25°C~+45°C
Input Voltage Range	200VAC~240VAC
Input Frquency Range	50~60Hz
Protective Characteristics	Over-Current, Short-Circuit, Over Voltage protection
IP Rating	IP67
MTBF	≥50000hrs. MIL-HDBK-217F(25°C)
Warranty	7 Years, first 2 years extended.

Code	Output Voltage	Output Current	Output Power	Input Current	Efficiency	Size (l x w x h)	Weight
PPXS1230	12 V	2.5A	30W	0.22A/200-240VAC	≥85%	183x35x20mm	0,25kg
PPXS1260	12 V	5A	60W	0.38A/200-240VAC	≥87%	183x35x20mm	0,25kg
PPXS12100	12 V	8.3A	100W	0.7A/200-240VAC	≥90%	209x35x20mm	0,32kg
PPXS12150	12 V	12.5A	150W	1.6A/200-240VAC	≥90%	256x35x20mm	0,39kg
PPXS24100	24 V	4.2A	100W	0.7A/200-240VAC	≥90%	209x35x20mm	0,32kg



IP68



Important:

- Lucoled recommends loading power supplies up to 90% of their maximum listed capacity.
- Select a power supply for your installation loaded at more than 50% of its maximum load to meet Power Factor regulations.
- Install with adequate ventilation and not in direct sunlight.
- Power supplies to be installed by trained and certified staff.

SPECIFICATIONS 12V SLIM DIMMABLE POWER SUPPLIES

Output Voltage	12V
Working temperature range	-25°C~+45°C
Input Voltage Range	200VAC~240VAC
Input Frquency Range	50~60Hz
Protective Characteristics	Over-Current, Short-Circuit, Over Voltage protection
IP Rating	IP67
MTBF	≥50000hrs. MIL-HDBK-217F(25°C)
Warranty	7 Years
Dim Input (0-100%)	0=10 V, PWM, Resistance

Code	Output Current	Output Power	Input Current	Efficiency	Size (l x w x h)	Weight
PPDS12100	4.16A	100W	0.7A/200-240VAC	≥90%	258x35x20mm	0,40kg

SPECIFICATIONS MANUAL EXTERNAL DIMMING OPTION

Input/Output Voltage	12V – 24V
Working temperature range	0°C~+45°C
Output Current Max Range	8 A
IP Rating	IP20
Warranty	3 Years
Diming Method (0-100%)	PWM

Code	Output Current	Output Power 12 V	Output Power 24 V
DIM-PS	8 A	96 W	192 W



SPECIFICATIONS 12V SLIM CLASS II POWER SUPPLIES

Output Voltage	12V
Working temperature range	-25°C~+45°C
Input Voltage Range	200VAC~240VAC
Input Frquency Range	50~60Hz
Protective Characteristics	Over-Current, Short-Circuit, Over Voltage protection
IP Rating	IP67
MTBF	≥50000hrs. MIL-HDBK-217F(25°C)
Warranty	7 Years
Isolation	Double-Isolated CLASS II

Code	Output Current	Output Power	Input Current	Efficiency	Size (l x w x h)	Weight
PPS1260CLII	5A	60W	0.38A/200-240VAC	≥87%	295x35x20mm	0,42kg

SPECIFICATIONS RF RGB(W) & DIM CONTROL OPTIONS

Input/Output Voltage	12V – 24V
Working temperature range	-30°C~+55°C
IP Rating	IP20
Warranty	5 Years
Diming method (0-100%)	PWM

Code	Output	Output Current	Output Power 12 V	Output Power 24 V
LTECH-M3/M3-3A	RGB	3x3 A	108 W	216 W
LTECH-M6/M3-3A	RGB	3x3 A	108 W	216 W
LTECH-M4/M4-5A	RGBW	4x5 A	144 W	288 W
LTECH-M8/M4-5A	RGBW	4x5 A	144 W	288 W
LTECH-M1/M3-3A	MONO	3x3 A	108 W	216 W



SPECIFICATIONS DMX RGBW & DIM CONTROL OPTIONS

Input/Output Voltage	12V – 24V
Working temperature range	-30°C~+55°C
IP Rating	IP20
Warranty	5 Years
Diming method (0-100%)	PWM

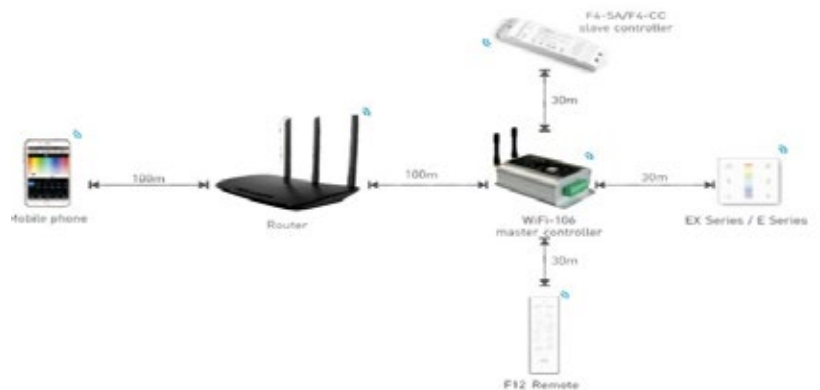
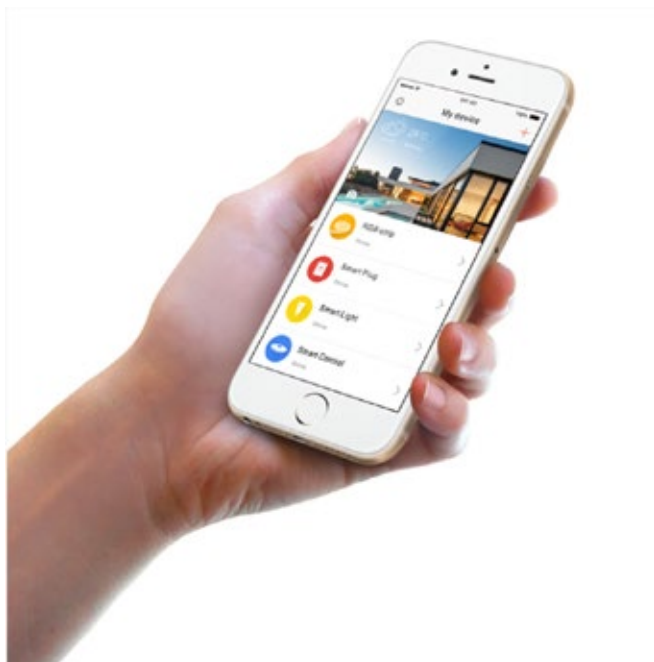
Code	Output		Input	Output Current	OutputPower 12 V	Output Power 24 V
LTECH-LT-820-5A	RGBW	Controller	DMX	4x5 A	240 W	480 W
LTECH-LT-854-5A	RGBW	Controller	DMX	4x5 A	240 W	480 W
LTECH-LT-811-12A	MONO	Controller	DMX	1x12A	144 W	288 W
LTECH-EX1S	DMX	Touch Panel	Manual			
LTECH-EX4S	DMX	Touch Panel	Manual			
LTECH-UX8	DMX	Touch Panel 4 Zones	Manual/WIFI/RF			
LTECH-LM-150-12-G1M2	12 V	Power Supply	DMX	12.5 A	150 W	-
LTECH-LM-150-24-G1M2	24 V	Power Supply	DMX	6.25 A	-	150 W



SPECIFICATIONS WIFI RGBW CONTROL OPTIONS

Input/Output Voltage 12V – 24V
Working temperature range -30°C~+55°C
IP Rating IP20
Warranty 5 Years
Diming method (0-100%) PWM

Code	Output		Input	Output Current	OutputPower 12 V	Output Power 24 V
LTECH-WIFI-101	DMX	Controller	WIFI (APP)			
LTECH-WIFI-104	RGBW	Controller	RF/WIFI	4x4 A	192 W	384 W
LTECH-WIFI-106	RGBW	Controller	RF/WIFI	4x4 A	192 W	384 W
LTECH-F4-5A	RGBW	Receiver	RF (WIFI-106/F1/F4)	4x5 A	240 W	480 W
LTECH-R4-5A	RGBW	Receiver	RF (WIFI-104)	4x5 A	240 W	480 W
LTECH-EBOX-DMX	DMX	Bridge	RF (WIFI-106)			
LTECH-V3	RF	Remote				
LTECH-F1 DIM	RF	Remote				
LTECH-F4 RGBW	RF	Remote				



SPECIFICATIONS 1-10V CONTROL OPTIONS

Input/Output Voltage	12V – 24V
Working temperature range	-30°C~+55°C
IP Rating	IP20
Warranty	5 Years
Diming method (0-100%)	PWM

Code	Output		Output Current	Output Power 12 V	Output Power 24 V
LTECH-E610	1-10 V	Knob Panel	-	-	-
LTECH-LT-701-6A	MONO	Dimmer	1x6 A	72 W	144 W
LTECH-LT-701-12A	MONO	Dimmer	1x12A	144 W	288 W
LTECH-LM-75-12-G1A2	12 V	Power Supply	6.25 A	75 W	-
LTECH-LM-150-12-G1A2	12 V	Power Supply	12.5 A	150	-



SPECIFICATIONS DALI CONTROL OPTIONS

Input/Output Voltage	12V – 24V
Working temperature range	-30°C~+55°C
IP Rating	IP20
Warranty	5 Years
Diming method (0-100%)	PWM

Code	Output		Input	Output Current	OutputPower 12 V	Output Power 24 V
LTECH-LT-401-12A	MONO	Controller	DALI	1x12A	144 W	288 W
LTECH-LT-411-12A	MONO	Controller DIN rail	DALI	1x12A	144 W	288 W
LTECH-LM-150-24-G1D2	24 V	Power Supply	DALI	12.5 A	-	150 W
LTECH-LM-75-12-G1D2	12 V	Power Supply	DALI	6.25 A	75 W	-
LTECH-LM-75-24-G1D2	24 V	Power Supply	DALi	6.25 A	-	75 W

