



LUCOLED POWER SUPPLIES

- *Up to 7 years warranty*
- *Wide Voltage Input*
- *OVP, OCP, SCP, OTP protection function*
- *IP67 / IP68 Rating*
- *Class II*
- *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
PP1230	2.5A	30W	0.35A/115V - 0.19A/230V	≥83%	187x41x29mm	0,5kg
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:

- Luccoed 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 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 Current	Output Power	Input Current	Efficiency	Size (l x w x h)	Weight
PPS1230	2.5A	30W	0.22A/200-240VAC	≥85%	239x35x20mm	0,32kg
PPS1260	5A	60W	0.38A/200-240VAC	≥87%	295x35x20mm	0,42kg
PPS12100	8.3A	100W	0.7A/200-240VAC	≥90%	309x35x20mm	0,44kg

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
PPS24100	4.16A	100W	0.7A/200-240VAC	≥90%	309x35x20mm	0,44kg

SPECIFICATIONS 12V SLIM SHORT POWER SUPPLIES **NEW**

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 Current	Output Power	Input Current	Efficiency	Size (l x w x h)	Weight
PPXS1230	2.5A	30W	0.22A/200-240VAC	≥85%	183x35x20mm	0,25kg
PPXS1260	5A	60W	0.38A/200-240VAC	≥87%	183x35x20mm	0,25kg
PPXS12100	8.3A	100W	0.7A/200-240VAC	≥90%	203x35x20mm	0,32kg



Important:

- Lucoco 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 **NEW**

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 **NEW**

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 RF RGB(W) CONTROL OPTIONS **NEW**

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

SPECIFICATIONS DMX RGBW CONTROL OPTIONS **NEW**

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	4x5 A	240 W	480 W
LTECH-EX1S	DMX	Touch Panel			
LTECH-EX4S	DMX	Touch Panel			
LTECH-UX8	DMX	Touch Panel			