



LED POWER SUPPLIES

ANSMANN INDUSTRIAL SOLUTIONS



LED POWER SUPPLIES

Whether for street lighting, the living room, industry or in the workplace: the recent entry of LED's into the popular lighting solutions marketplace has seen this technology very quickly gain popularity.

LED's offer great potential for energy saving. They have an extremely long lifetime, run at cool temperatures, shock resistant and are suitable for a wide range of applications. These features have helped LED's win favour in many niche markets such as; advertising backlights, vehicle technology, household applications and as a light source in cycling and torches.

To help maintain optimum electrical lighting in the future, ANSMANN provides energy efficient LED power supplies for a wide range of customer applications. These high quality power supplies boast a high level of efficiency and a wide operating tempera-

ture range. Due to their robust and compact design, these power supplies provide the perfect power solution for both style driven consumer and the more functional industrial markets alike.

New ANSMANN LED power supplies are offered either as a current controller or voltage regulator in different power ranges from 3 - 150W.

All power supplies feature a wide input range (100 - 240V) and can be designed or equipped for different Output voltages and currents for a variety of series and parallel combinations.

The casing provides protection to IP 67.

LED power supply with constant current - IP67

Model	Input voltage	Output voltage	Output current	Application for	Dimensions (mm)
LCC5W-350mA	100-240V AC	2~12V DC	350mA	1---3 LED	58*28*22
LCC5W-700mA	100-240V AC	2~8V DC	700mA	1---2 LED	58*28*22
LCC9W-350mA	100-240V AC	3~24V DC	350mA	1---6 LED	130*25*21
LCC9W-700mA	100-240V AC	2~12V DC	700mA	1---6 LED	130*25*21
LCC20W-350mA	100-240V AC	9~48V DC	350mA	3---12 LED	140*30*20
LCC20W-700mA	100-240V AC	3~28V DC	700mA	1---7 LED	140*30*20
LCC35W-350mA	100-240V AC	30~80V DC	350mA	9---20 LED	148*32*26
LCC35W-700mA	100-240V AC	9~48V DC	700mA	3---12 LED	148*32*26
LCC35W-1050mA	100-240V AC	9~30V DC	1050mA	3---7 LED	148*32*26
LCC35W-1400mA	100-240V AC	9~24V DC	1400mA	3---6 LED	148*32*26
LCC50W-700mA	100-240V AC	30~72V DC	700mA	9---18 LED	148*40*30
LCC50W-1050mA	100-240V AC	9~48V DC	1050mA	3---12 LED	148*40*30
LCC50W-1400mA	100-240V AC	9~36V DC	1400mA	3---9 LED	148*40*30
LCC60W-1050mA	100-240V AC	12~60V DC	1050mA	4---15 LED	162*42.5*30
LCC60W-1400mA	100-240V AC	9~42V DC	1400mA	3---10 LED	162*42.5*30
LCC60W-1750mA	100-240V AC	9~36V DC	1750mA	3---9 LED	162*42.5*30

LED power supply with constant voltage - IP67

Model	Input voltage	Output voltage	Output current	Dimensions (mm)
LCV5W-12V	100-240V AC	12V DC	0.4A	58*28*22
LCV5W-24V	100-240V AC	24V DC	0.2A	58*28*22
LCV12W-12V	100-240V AC	12V DC	1A	130*25*21
LCV12W-24V	100-240V AC	24V DC	0.5A	130*25*21
LCV20W-12V	100-240V AC	12V DC	1.5A	140*30*20
LCV20W-24V	100-240V AC	24V DC	0.75A	140*30*20
LCV35W-12V	100-240V AC	12V DC	3A	148*32*26
LCV35W-24V	100-240V AC	24V DC	1.5A	148*32*26
LCV50W-12V	100-240V AC	12V DC	4A	148*40*30
LCV50W-24V	100-240V AC	24V DC	2A	148*40*30
LCV60W-12V	100-240V AC	12V DC	5A	162*42.5*30
LCV60W-24V	100-240V AC	24V DC	2.5A	162*42.5*30

LED power supply with constant current and PFC - IP67

Model	Input voltage	Output voltage	Output current	Application for	Dimensions (mm)
LCC20W-350mA-P	100-240V AC 50/60Hz	24~48V DC	350mA	7---12 LED	140*30*20
LCC20W-700mA-P	100-240V AC 50/60Hz	14~28V DC	700mA	4---7 LED	140*30*20
LCC35W-350mA-P	100-240V AC 50/60Hz	40~80V DC	350mA	11---20 LED	148*32*26
LCC35W-700mA-P	100-240V AC 50/60Hz	24~48V DC	700mA	7---12 LED	148*32*26
LCC35W-1050mA-P	100-240V AC 50/60Hz	16~32V DC	350mA	5 ---8 LED	148*32*26
LCC50W-700mA-P	100-240V AC 50/60Hz	36~72V DC	700mA	11---18 LED	148*40*30
LCC50W-1050mA-P	100-240V AC 50/60Hz	24~48V DC	1050mA	7---12 LED	148*40*30
LCC60W-700mA-P	100-240V AC 50/60Hz	40~80V DC	700mA	11---20 LED	162*42.5*30
LCC60W-1050mA-P	100-240V AC 50/60Hz	30~60V DC	1050mA	9---15 LED	162*42.5*30
LCC60W-1400mA-P	100-240V AC 50/60Hz	20~42V DC	1400mA	6---10 LED	162*42.5*30

LED power supply with constant voltage and PFC - IP67

Model	Input voltage	Output voltage	Output current	Dimensions (mm)
LCV20W-12V-P	100-240V AC 50/60Hz	12V DC	1.5A	140*30*20
LCV20W-24V-P	100-240V AC 50/60Hz	24V DC	0.75A	140*30*20
LCV35W-12V-P	100-240V AC 50/60Hz	12V DC	3A	148*32*26
LCV35W-24V-P	100-240V AC 50/60Hz	24V DC	1.5A	148*32*26
LCV50W-12V-P	100-240V AC 50/60Hz	12V DC	4A	148*40*30
LCV50W-24V-P	100-240V AC 50/60Hz	24V DC	2A	148*40*30
LCV60W-12V-P	100-240V AC 50/60Hz	12V DC	5A	162*42.5*30
LCV60W-24V-P	100-240V AC 50/60Hz	24V DC	2.5A	162*42.5*30

LED power supplies with constant current, cable assembly and PFC - IP67

Model	Input voltage	Output voltage	Output current	Application for	Dimensions (mm)
LCC6W-350mA-PE	100-240V AC 50/60Hz	12~26V DC	350mA	3---6 LED	89*39*23
LCC6W-700mA-PE	100-240V AC 50/60Hz	3~9V DC	700mA	1---2 LED	89*39*23
LCC12W-350mA-PE	100-240V AC 50/60Hz	18~40V DC	350mA	6---10 LED	114*45*28
LCC12W-700mA-PE	100-240V AC 50/60Hz	8~18V DC	700mA	2---4 LED	114*45*28
LCC20W-350mA-PE	100-240V AC 50/60Hz	30~72V DC	350mA	10 ---18 LED	140*45*28
LCC20W-700mA-PE	100-240V AC 50/60Hz	12~36V DC	700mA	4---8 LED	140*45*28

LED power supplies with constant current in round design and cable assembly - IP67

Model	Input voltage	Output voltage	Output current	Application for	Dimensions (mm)
LCC12W-350mA-Y	100-240V AC 50/60Hz	3~32V DC	350mA	1---8 LED	∅ 64*30
LCC12W-700mA-Y	100-240V AC 50/60Hz	3~16V DC	700mA	1---4 LED	∅ 64*30
LCC20W-350mA-Y	100-240V AC 50/60Hz	9~48V DC	350mA	3---12 LED	∅ 78*30
LCC20W-700mA-Y	100-240V AC 50/60Hz	3~28V DC	700mA	1---7 LED	∅ 78*30
LCC35W-350mA-Y	100-240V AC 50/60Hz	30~80V DC	350mA	9 ---20 LED	∅ 96*32
LCC35W-700mA-Y	100-240V AC 50/60Hz	9~48V DC	700mA	3 ---12 LED	∅ 96*32
LCC35W-1050mA-Y	100-240V AC 50/60Hz	9~30V DC	1050mA	3 ---7 LED	∅ 96*32
LCC35W-1400mA-Y	100-240V AC 50/60Hz	9~24V DC	1400mA	3 ---6 LED	∅ 96*32

LED power supplies with constant voltage in metall case with PFC - IP67

Model	Input voltage	Output voltage	Output current	Dimensions (mm)
LCC60W-12V-P	100-240V AC 50/60Hz	12V DC	5A	195*65.5*40.3
LCC60W-15V-P	100-240V AC 50/60Hz	15V DC	4A	195*65.5*40.3
LCC100W-20V-P	100-240V AC 50/60Hz	20V DC	4.8A	195*65.5*40.3
LCC100W-24V-P	100-240V AC 50/60Hz	24V DC	4A	195*65.5*40.3
LCC100W-27V-P	100-240V AC 50/60Hz	27V DC	3.6A	195*65.5*40.3
LCC100W-36V-P	100-240V AC 50/60Hz	36V DC	2.7A	195*65.5*40.3
LCC100W-48V-P	100-240V AC 50/60Hz	48V DC	2.1A	195*65.5*40.3
LCC150W-12V-P	100-240V AC 50/60Hz	12V DC	11A	221*69.8*45.3
LCC150W-15V-P	100-240V AC 50/60Hz	15V DC	9.5A	221*69.8*45.3
LCC150W-20V-P	100-240V AC 50/60Hz	20V DC	7.5A	221*69.8*45.3
LCC150W-24V-P	100-240V AC 50/60Hz	24V DC	6.3A	221*69.8*45.3
LCC150W-27V-P	100-240V AC 50/60Hz	27V DC	5A	221*69.8*45.3
LCC150W-36V-P	100-240V AC 50/60Hz	36V DC	4.2A	221*69.8*45.3
LCC150W-48V-P	100-240V AC 50/60Hz	48V DC	3.2A	221*69.8*45.3

Standards & Approvals

Standards	Description
EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61000-3-2	Electromagnetic compatibility (EMC). Limits for harmonic current emissions
EN 61547	Equipment for general lighting purposes. EMC immunity requirements
EN 61347-1	Lamp controlgear. General and safety requirements
EN 61347-2-13	Lamp controlgear. Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules



**ANSMANN INDUSTRIAL SOLUTIONS -
YOUR SYSTEM PROVIDER FOR MOBILE ENERGY**

> Customer designed battery packs

> Charging technology

> Power supplies