

Features

- Wide 220 to 240 VAC input voltage range compliant with European standards
- Durable aluminium housing with IP67 protection against dust and water ingress
- Comprehensive protection features including short-circuit, overload, and no-load protection
- Natural air cooling design for enhanced reliability and silent operation
- 100% full-load burn-in testing to ensure performance and durability
- Suitable for LED lighting systems and other 12 VDC / 24 VDC power applications
- Complies with international lighting safety standards
- Class I insulation and Class I leakage protection for increased electrical safety
- Backed by a 3-year warranty

RS PRO LED Drivers

715733, 715734, 715735, 715736, 715737, 715738, 715739, 715740, 715741, 715742, 715743



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

RS PRO LED Power Supply

Designed to power 12VDC and 24VDC LED modules, this reliable LED power supply is ideal for lighting systems with multiple LED modules connected in parallel. Its robust construction, high-efficiency design, and advanced protection features make it suitable for a wide range of indoor and outdoor lighting applications, including signage, architectural lighting, commercial installations, industrial facilities, and LED strip lighting systems.

Featuring a durable IP67-rated aluminium enclosure, the power supply is protected against dust ingress and temporary immersion in water, making it suitable for demanding environments. The natural air-cooling design eliminates the need for internal fans, ensuring silent operation while improving long-term reliability and reducing maintenance requirements.

Engineered to deliver stable and consistent output voltage, the unit helps maximise LED performance and lifespan while protecting connected equipment from electrical faults. Comprehensive protection against short circuits, overloads, and no-load conditions provides added safety and peace of mind during operation.

Every unit undergoes 100% full-load burn-in testing to ensure dependable performance and quality. Compliant with international lighting safety standards and featuring Class I insulation and leakage protection, this power supply offers a safe and reliable solution for professional LED installations.

Key Features & Benefits

- Wide 220 to 240 VAC input voltage range compliant with European standards
- Rugged IP67-rated aluminium housing for harsh environments
- Integrated protection against short circuits, overloads, and no-load conditions
- Natural air cooling for silent operation and enhanced reliability
- Stable DC output to help maximise LED lifespan and performance
- 100% full-load burn-in tested for quality assurance
- Suitable for LED lighting systems and other 12VDC / 24VDC applications
- Complies with relevant international lighting safety standards
- Class I insulation and Class I leakage protection
- Backed by a 3-year warranty

Why Upgrade to a High-Quality LED Power Supply?

A dependable LED power supply is essential for maintaining consistent light output, protecting connected LED modules, and reducing the risk of premature component failure. Compared to lower-quality alternatives, a professionally engineered power supply delivers greater efficiency, improved reliability, and lower maintenance costs, helping to reduce total operating expenses over the lifetime of the installation.

General Specifications

RS Article Number	Input current	Power factor	Output voltage (range)	Output current mA	Output power	Efficiency	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
715733	0.61A/230VAC	>0.50	12V	5.00A	60W	>90%	114	54	35	0.410
715734	0.85A/230VAC	>0.50	12V	8.33A	100W	>92%	118	54	35	0.425
715735	1.20A/230VAC	>0.50	12V	12.50A	150W	>92%	118	54	35	0.425

715736	1.70A/230VAC	>0.50	12V	16.67A	200W	>92%	150	54	35	0.510
715737	2.60A/230VAC	>0.50	12V	25.00A	300W	>92%	200	54	35	0.680
715738	4.00A/230VAC	>0.50	12V	33.00A	400W	>92%	216	68	43	1.200
715739	0.61A/230VAC	>0.50	24V	2.50A	60W	>90%	114	54	35	0.410
715740	1.10A/230VAC	>0.50	24V	4.17A	100W	>91%	118	54	35	0.425
715741	1.60A/230VAC	>0.50	24V	6.25A	150W	>92%	118	54	35	0.425
715742	2.10A/230VAC	>0.50	24V	8.33A	200W	>92%	150	54	35	0.510
715743	3.10A/230VAC	>0.50	24V	12.50A	300W	>92%	200	54	35	0.680

Electrical Specifications

Voltage Range	200~264VAC
Frequency	50/60Hz
Power Factor	0,5
Rated Output Voltage	12VDC
Ripple & Noise (max.)	400mVp-p
Efficiency	>90%
Rated Power	60~400W

Protection Category

Overload Protection	130% ± 5%@220VAC
Short Circuit Protection	Yes, Self-recovering
No Load Protection	Yes, Self-recovering

Operation Environment Specifications

Operating ambient temperature	-20°C to 45°C
Temperature of Tc point	85°C max
Storage Temperature	-20°C to 85°C
Storage humidity	20% to 95% RH non-condensing
Waterproofing Grade	IP67

Approvals

LVD	EN 61347-1, EN61347-2-13*
EMC	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61000-4-4, EN 61000-4-5, EN 61547
CE	

CV Power Supply 12/24V

When more LED modules need to be powered, multiple PSs can be powered in parallel from the mains.

