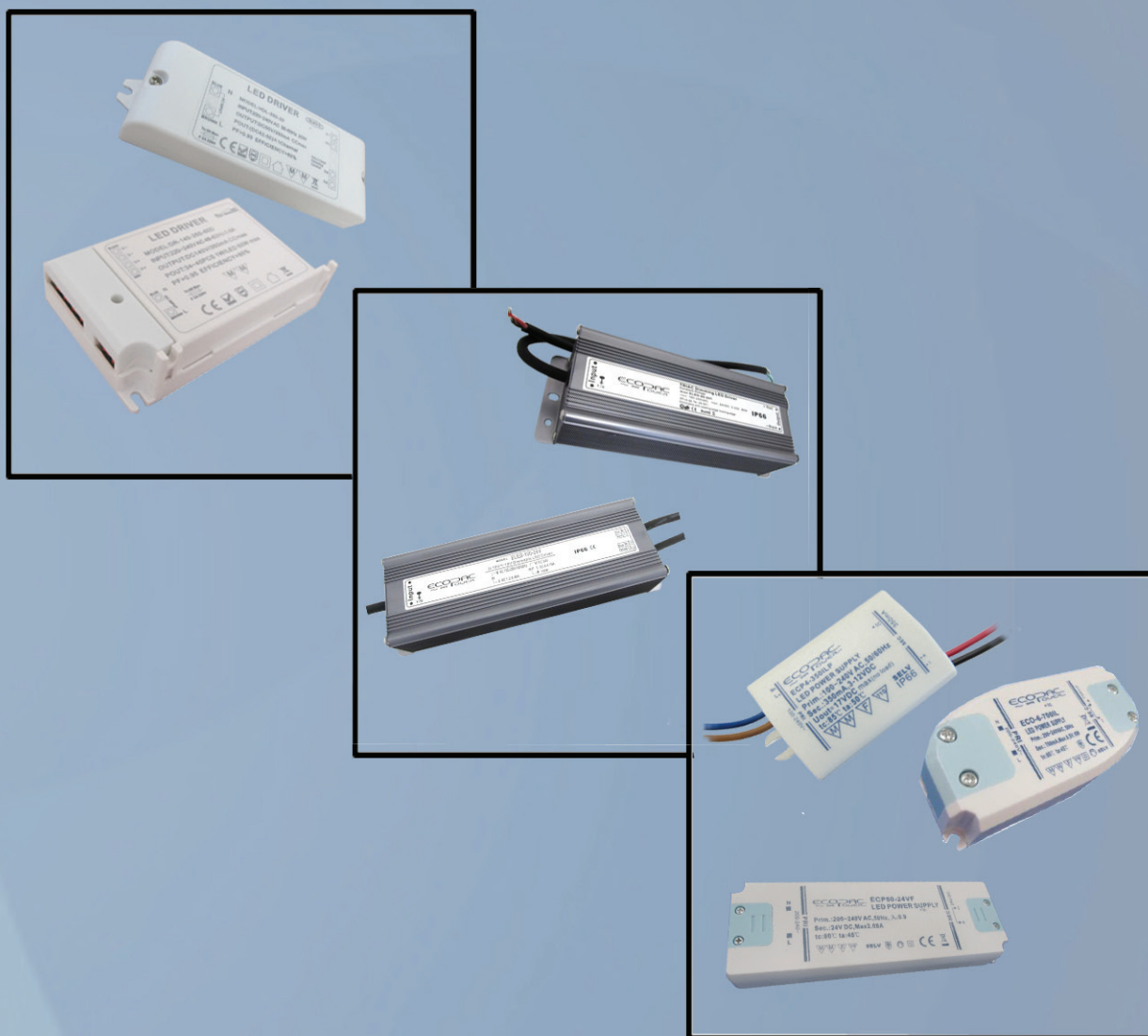


ECO PAC POWER

LED Drivers



1-10V • Dali • Triac

About Ecopac

Ecopac Power Ltd supplies over 5000 different AC-DC power supplies from External to Open Frame, DIN Rail to Battery Chargers, DC-DC Converters to DC-AC Inverters. Our objective is to continue to offer excellent products with outstanding value for money. Established 18 years ago Ecopac Power Ltd is one of the largest Mean Well distributors in Europe with an unrivalled reputation for service, technical backup, stock and delivery.

In addition Ecopac Power can also source and manufacture a range of power supplies and DC-DC for custom applications. Providing a comprehensive range of power products to meet worldwide requirements, with product approvals to UL, CE, CSA, VDE and EN.

Ecopac Power offers the UK's largest range of AC-DC power supplies, with products starting at 1 Watt and increasing to over 18,000 Watts. Many of our power products are world firsts, providing a large variety of mechanical formats including open-frame, chassis mount, PCB mount, encapsulated, rack mount, external and DIN rail.

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ECP – Interfaces

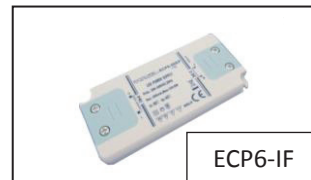
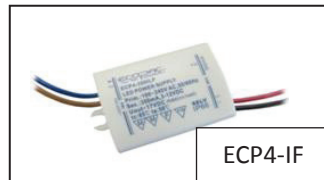
Page 11: 1 - 10 dimmable and DALI/DSI dimmable interfaces

ECP Series

4 - 15 Watt Constant Current

Features:

- Low profile design
- Protections: Short circuit / Overload / Over temp
- 3 year warranty



Model		ECP4-IF	ECP6-IF	ECP8-IL	ECP15-IL	ECP15-IF
Input	Voltage Range	90 - 264VAC	180 - 264VAC			
	Frequency Range	50 - 60Hz				
	Power Factor	≥0.4	≥0.5	≥0.8	≥0.5	
	Inrush Current (typ.)	60A at 230VAC	75A at 230VAC	50A at 230VAC	70A at 230VAC	
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed				
	Overload	>110% rated output power				
Environment	Working Temp	-20°C - 45°C				
	Working Humidity	45% - 85%				
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13				
	EMC Emission	EN55015, EN61000-3-2				
	EMC Immunity	EN61547				
Other	Dimensions	38 x 30 x 24mm	99 x 46 x 11mm	95 x 46 x 20mm	128 x 51 x 14mm	120 x 50 x 13mm

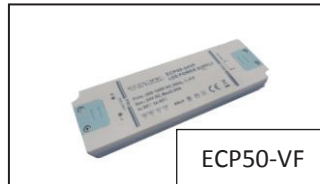
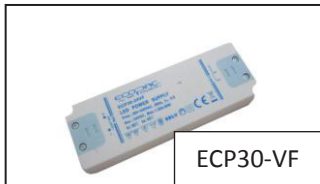
Model No	Rated Voltage	Voltage Accuracy	Output	Max off Load Voltage	Rated Power
ECP4-350IF	350mA	±10%	3 - 12V	17V	4.2W
ECP4-500IF	500mA	±10%	3 - 9.5V	14V	4.75W
ECP4-700IF	700mA	±10%	3 - 6V	9.5V	4.2W
ECP6-500IF	500mA	±10%	6 - 12V	13.6V	6W
ECP8-350IL	350mA	±10%	12 - 24V	28V	8.4W
ECP8-700IL	700mA	±10%	6 - 12V	15V	8.4W
ECP15-350IL	350mA	±10%	30 - 43V	46V	15W
ECP15-500IF	500mA	±10%	20 - 30V	33V	15W
ECP15-700IL	700mA	±10%	12 - 21V	24V	15W

ECP Series

15 - 100 Watt Constant Voltage

Features:

- Power factor correction 30 Watt and above
- Low profile design
- Protections: Short circuit / Overload / Over temp
- 3 year warranty



Model		ECP15-VL	ECP30-VF	ECP50-VF	ECP75-VL	ECP100-VL
Input	Voltage Range	180 - 264VAC				
	Frequency Range	50 - 60Hz				
	Power Factor	≥0.5	≥0.9			
	Inrush Current	70A at 230VAC	50A at 230VAC	75A at 230VAC		
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed				
	Overload	>110% rated output power				
Environment	Working Temp	-20°C - 45°C				
	Working Humidity	45 - 85%				
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13				
	EMC Emission	EN55015, EN61000-3-2				
	EMC Immunity	EN61547				
Other	Dimensions	128 x 51 x 14mm	160 x 58 x 18mm	185 x 64 x 22mm	201 x 63 x 30mm	170 x 57 x 31 mm

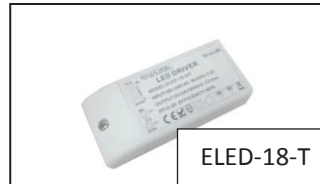
Model No	Output	Tolerance	Output Current	Max off Load Current	Rated Power
ECP15-12VL	12V	±5%	0 - 1.25A	1.25A	15W
ECP15-24VL	24V	±5%	0 - 0.625A	0.625A	15W
ECP30-12VF	12V	±5%	0 - 2.5A	2.5A	30W
ECP30-24VF	24V	±5%	0 - 1.25A	1.25A	30W
ECP50-12VF	12V	±5%	0 - 4.17A	4.17A	50W
ECP50-24VF	24V	±5%	0 - 2.08A	2.08A	50W
ECP75-12VL	12V	±5%	0 - 6.25A	6.25A	75W
ECP75-24VL	24V	±5%	0 - 3.12A	3.12A	75W
ECP100-12VL	12V	±5%	0 - 8.33A	8.33A	100W
ECP100-24VL	24V	±5%	0 - 4.16A	4.16A	100W

ELED Series

12 - 30 Watt Constant Current Triac Dimmable

Features:

- Triac dimmable - Constant Current
- Protections: Short circuit / Overload / Over voltage
- Built-in PFC function (PFC>0.95)
- Protections: Short circuit / Overload / Over temp
- 3 year warranty



Model		ELED-12-T	ELED-18-T	ELED-30-T
Input	Voltage Range	180 - 264VAC		
	Frequency Range	50 - 60Hz		
	Power Factor	>0.95		
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed		
	Overload	>110% rated output power		
Environment	Working Temp	-30°C - 45°C		
	Working Humidity	5 - 95%		
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13		
	EMC Emission	EN55015, EN61000-3-2		
	EMC Immunity	EN61547		
Other	Dimensions	91 x 40 x 19mm		95 x 43 x 21mm

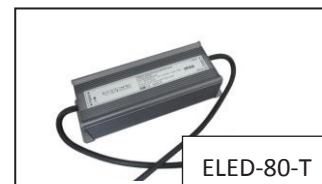
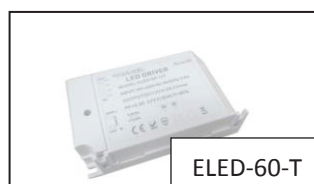
Model No	Output Current	Output voltage	Rated Power
ELED-12-350T	350mA	18 - 30V	10.5W
ELED-12-700T	700mA	10 - 16V	11.2W
ELED-18-350T	350mA	27 - 45V	15.75W
ELED-18-500T	500mA	20 - 36V	18W
ELED-18-700T	700mA	15 - 24V	16.8W
ELED-30-350T	350mA	48 - 84V	29.4W
ELED-30-700T	700mA	26 - 42V	29.4W

ELED Series

12 - 80 Watt Constant Voltage Triac Dimmable

Features:

- Triac dimmable - Constant Voltage
- Protections: Short circuit / Overload / Over temp
- 3 year warranty
- Protections: Short circuit / Overload / Over voltage
- Built-in PFC function (PFC>0.95)



Model		ELED-18-T	ELED-40-T	ELED-60-T	ELED-80-T
Input	Voltage Range	180 - 264VAC			
	Frequency range	50 - 60Hz			
	Power Factor	>0.95			
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed			
	Overload	>110% rated output power			
Environment	Working Temp	-30°C - 45°C			-40°C - 60°C
	Working Humidity	5 - 95%			
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13			
	EMC Emission	EN55015, EN61000-3-2			
	EMC Immunity	EN61547			
Other	Dimensions	91 x 40 x 19mm	145 x 48 x 31mm	123 x 79 x 35mm	200 x 69 x 43 mm

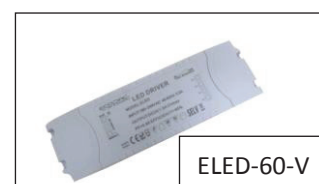
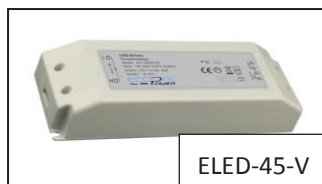
Model No	Output Current	Output voltage	Rated Power
ELED-18-12T	0 - 1.2A	12V	14.4W
ELED-18-24T	0 - 0.6A	24V	14.4W
ELED-40-12T	0 - 2.6A	12V	31.2W
ELED-40-24T	0 - 1.3A	24V	31.2W
ELED-60-12T	0 - 4.0A	12V	48W
ELED-60-24T	0 - 2.0A	24V	48W
ELED-80-12T	0 - 6.6A	12V	79.2W
ELED-80-24T	0 - 3.3A	24V	79.2W

ELED Series

18 - 60 Watt 0 - 10V Dimmable

Features:

- 0-10V dimmable - Constant Current / Constant Voltage
- Protections: Short circuit / Overload / Over voltage
- Built-in PFC function (PFC>0.95)
- Cooling by free air convection
- Over 80% efficiency
- Fully isolated



Model		ELED-18-V	ELED-45-V	ELED-60-V
Input	Voltage Range	220 - 240VAC		
	Frequency Range	50 - 60Hz		
	Power Factor	>0.95		
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed		
	Overload	>110% rated output power Hiccup mode, recovers automatically after fault condition is removed		
Environment	Working Temp	-30°C - 45°C		
	Working Humidity	5 - 95%		
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13		
	EMC Emission	EN61000-3-2, EN61000-3-3		
	EMC Immunity	EN61547, EN55024, EN61000-4-2, 3, 4, 6, 8, 11		
Other	Dimensions	132 x 44 x 23mm	103 x 67 x 30mm	170 x 48 x 31mm

Model No	Output Current	Output voltage	Rated Power
ELED-18-350V	350mA	30 - 48V	16.8W
ELED-18-700V	700mA	16 - 24V	16.8W
ELED-45-350V	350mA	70 - 120V	42W
ELED-45-500V	500mA	55 - 90V	45W
ELED-45-700V	700mA	40 - 65V	45.5W
ELED-60-350V	350mA	84 - 140V	49W
ELED-60-700V	700mA	45 - 74V	51.8W
ELED-18-12V	0 - 1.2A	12V	14.4W
ELED-18-24V	0 - 0.6A	24V	14.4W
ELED-45-12V	0 - 3.75A	12V	45W
ELED-45-24V	0 - 1.87A	24V	45.88W
ELED-60-12V	0 - 4.0A	12V	48W
ELED-60-24V	0 - 2.0A	24V	48W

ELED Series

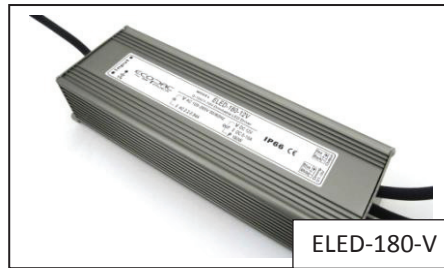
100 - 200 watt 0 - 10V Dimmable Constant Voltage

Features:

- 0 - 10V Dimming
- IP66 rated
- Protections: Short circuit / Overload / Over temp
- 3 year warranty



ELED-100-V



ELED-180-V



ELED-200-V

Model		ELED-100-V	ELED-180-V	ELED-200-V
Input	Voltage Range	180 – 264VAC		
	Frequency Range	50 - 60Hz		
	Power Factor	≥0.98		
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed		
	Overload	>110% rated output power		
Environment	Working Temp	-40 - 60°C		
	Working Humidity	20 - 95%RH, non-condensing		
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13		
	EMC Emission	EN55015, EN61000-3-2		
	EMC Immunity	EN61547		
Other	Dimensions	230 x 68 x 45mm	255 x 80 x 53mm	
	Packing	1.2kg; 10pcs/12.8kg	1.8kg; 8pcs/15.5kg	

Model No	Rated Voltage	Output Current	Tolerance	Rated Power
ELED-100-12V	12V	8.3A	±0.5V	99.6W
ELED-100-24V	24V	4.15A	±0.5V	99.6W
ELED-180-12V	12V	15A	±0.5V	180W
ELED-200-24V	24V	8.33A	±0.5V	200W

ELED Series

15 - 28 Watt DALI Dimmable Constant Current

Features:

- DALI Dimmable control standard IEC62386
- Built-in PFC function (PFC>0.95)
- Up to 80% efficiency
- Protections: Short circuit / Overload / Over temp
- 3 year warranty



Model		ELED-15-D	ELED-30-D
Input	Voltage Range	180 – 264VAC	
	Frequency Range	50 - 60Hz	
	Power Factor	>0.95	
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed	
	Overload	>110% rated output power Hiccup mode, recovers automatically after fault condition is removed	
Environment	Working Temp	-30°C - 45°C	-30°C - 45°C
	Working Humidity	5 - 95%	5 - 95%
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13	
	EMC Emission	EN55015, EN61000-3-2	
	EMC Immunity	EN61547	
Other	Dimensions	95 x 37 x 18mm	132 x 44 x 23mm

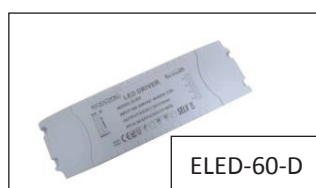
Model No	Rated Current	Output voltage	Rated Power
ELED-15-350D	350mA	17 - 42V	14.7W
ELED-15-500D	500mA	11 - 30V	15W
ELED-15-650D	650mA	9 - 23V	14.95W
ELED-30-350D	350mA	60 - 70V	24.5W
ELED-30-700D	700mA	35 - 40V	25W

ELED Series

14 - 200 Watt DALI Dimmable Constant Voltage

Features:

- Dali Dimmable control standard IEC62386
- Built-in PFC function (PFC>0.95)
- Up to 80% efficiency
- Protections: Short circuit / Overload / Over temp
- 3 year warranty



Model		ELED-18-D	ELED-30-D	ELED-40-D	ELED-60-D	ELED-200-D
Input	Voltage Range	200 – 240VAC				100 – 265VAC
	Frequency Range	50 - 60Hz				
	Power Factor	>0.95				
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed				
	Overload	>110% rated output power Hiccup mode, recovers automatically after fault condition is removed				
Environment	Working Temp	-30°C - 45°C				
	Working Humidity	5 - 95%				
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13				
	EMC Emission	EN55015, EN61000-3-2				
	EMC Immunity	EN61547				
Other	Dimensions	132 x 44 x 23mm	132 x 44 x 23mm	170 x 48 x 31mm	170 x 48 x 31mm	250 x 79 x 52mm

Model No	Rated Voltage	Output Current	Output voltage	Rated Power
ELED-18-12D	12V	0 - 1.2A	12V	14W
ELED-18-24D	24V	0 - 0.6A	24V	14W
ELED-30-12D	12V	0 - 2.0A	12V	24W
ELED-30-24D	24V	0 - 1.0A	24V	24W
ELED-40-12D	12V	0 - 3.0A	12V	36W
ELED-40-24D	24V	0 - 1.5A	24V	36W
ELED-60-12D	12V	0 - 4.0A	12V	48W
ELED-60-24D	24V	0 - 2.2A	24V	52W
ELED-180-12D	12V	0 - 15A	12V	180W
ELED-200-24D	24V	0 - 8.3A	24V	200W

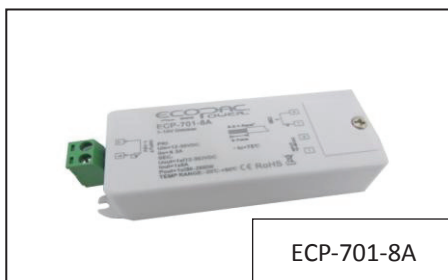
ECP Series

1 - 10 Dimmable and DALI Dimmable Interfaces

1 – 10V Dimmable Interface



Model	ECP-704-5A	ECP-704-6A
Input voltage	12 - 36V	12 - 36V
Max load current	4 x 5A	4 x 6A
Max output current	4 x (60-180)W	4 x (72-216)W
Load type	Regular LED (0.04 – 0.1W)	Regular LED (0.04 – 0.1W)
Ta	-20°C + 50°C	-20°C + 50°C
Tc	+75°C	+75°C



Model	ECP-701-8A	ECP-701-10A
Input voltage	12 - 36V	5 – 24V
Max load current	1 x 8A	1 x 10A
Max output current	96 - 288W	50 – 240W
Ta	-20°C + 50°C	-20°C + 50°C
Tc	+75°C	+75°C

DALI/DSI Dimmable Interface



Model	DALI 701 8A
Input Voltage	10.5 - 27V
Max load current	1 x 8A
Max output current	0 - 216W
Ta	-10°C + 50°C

Take Control With Ecopac Power



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