2022
EDACPOWER
ELECTRONICS CO., LTD.

Switching Adapter & Power Supply

Company Profile

With more than 20 years of experience, EDACPOWER is one of a global power supply manufacturers in Standard & Custom-Made Solutions.

EDACPOWER has dedicated in the power supply field since 1998, with a variety of I.T.E. switching power supply, Medical switching adaptor, USB Type-C adaptor, DC/DC converter, Battery charger, Open frame, and Down-sized solutions.

EDACPOWER head office is located in Taipei, Taiwan, focuses on general management, finance, Sales, and R&D. The designs developed by our R&D team turn into products in three manufacturing plants in Suzhou, Dongguan, and Taiwan, with ISO 9001 & ISO 14001 certified. The three locations house a staff of around 1,200 employees.

As the innovative technology and updated international safety continues, EDACPOWER strives to keep the good momentum on product variety, regulation maintenance, and corporate sustainability.

EDACPOWER seeks for long-term relationship and mutual trust with our customers, employees, and suppliers, as our core value.

Locations

Taipei, Taiwan (HQ) — 80
Administration & Factory / Sales / R&D / Procurement

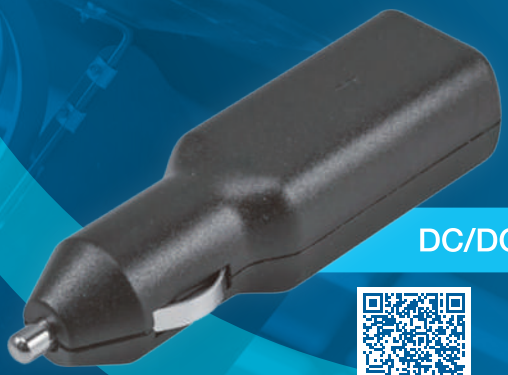
SuZhou, China — 700
Factory / Sales / R&D / Procurement

DongGuan, China — 400
Factory / Sales / R&D / Procurement

Product Category

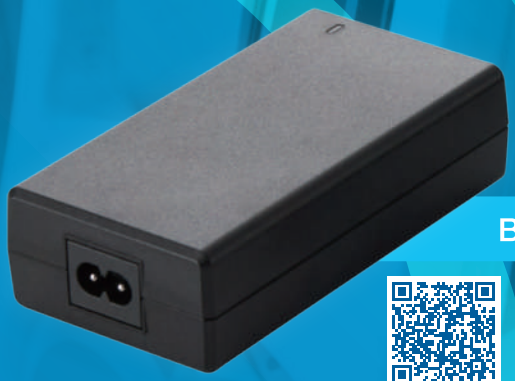
LED Power Supply

Medical Power Supply



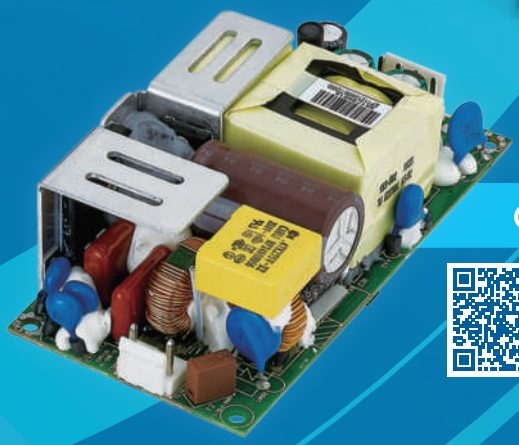
DC/DC Converter

AC/DC Switching Power Supply (ITE/ICT)



Battery Charger

USB Type-C Adaptor



Open Frame

Down-sized Solutions

To fulfill the growing demand of Miniaturized products in the overall markets, EDACPOWER continues to unveil new series with compact designs.

EDAC focuses on 25~330Watts, 5~56Vdc Desktop adaptors under IEC/EN/UL62368 regulation, which are widely used for Information and Communications Technology & Audio/Video equipments.

Features

- Slim size
- Meet IEC/EN/UL 62368-1
- Universal AC input : 100-240VAC
- No load power consumption ≤ 0.21W (VI), ≤ 0.15W (Tier II)
- MTBF > 100,000 hours
- Efficiency : Level VI or CoC Tier II
- LED Indicator
- Active PFC function
- Protections : Short circuit / Over voltage / Over current / Over temperature

Applications

Down-sized Solutions

Model No.	Max. Output Power	Output Voltage	Weight	Dimension
EA1044	25~48W	5~48V	160g	90.5L x 35.7W x 26H (mm)
EA1073	40~65W	12~56V	300g	105.5L x 46.4W x 28.3H (mm)
EA1093	80~100W	12~56V	350g	134.55L x 58.8W x 25.4H (mm)
EA1121	100~135W	12~56V	350g	136L x 68W x 25.4H (mm)
EA1183	130~180W	12~56V	350g	151.3L x 75.8W x 25.4H (mm)
EA1232	180~250W	12~56V	400g	151.3L x 75.8W x 25.4H (mm)
EA1330	240~330W	12~56V	1200g	200L x 100W x 29H (mm)

Lithium-ion Battery Charger

From 2021, EDAC began the efforts on charging solutions for Lithium-ion battery: EC1085 and EC1168. These solutions are for 10S battery pack use, support 84W/42V and 168W/42V output respectively.

EC1085 and EC1168 are applicable to E-bike, E-scooter, E-motor, E-wheel, and Storage with CC/CV charging mode. The construction designs are complied to household regulation UL/cUL 1012, IEC/EN 60335-1, IEC/EN 60335-2-29, FCC, CE.

Features

- CC/CV Charging Mode
- Meet UL/cUL 1012, IEC/EN 60335-1, IEC/EN 60335-2-29, FCC, CE
- 10S/42V Lithium-ion battery pack use
- Reverse Polarity Protection
- Universal AC input : 100-240VAC
- LED Indicator
- Indoor-use-only
- MTBF > 100,000hrs
- Protections : Short circuit / Over voltage / Over current / Over temperature

Applications

Lithium-ion Battery Charger

Model No.	Max. Output Power	Output Voltage	Weight	Dimension
EC1085	84W	42V	420g	125L x 65W x 33H (mm)
EC1168	168W	42V	670g	175L x 85W x 32H (mm)

LED Power Supply

Starting from 2021, EDAC had released new product series EPL complied to lighting regulations IEC/EN 61347-1, IEC/EN 61347-2-13, and EN55015 (EMI), with construction designs cover 180 to 1440Watts output power.

The main applications of EPL series include Film & TV light, LED Panel light, Full-color Panel, and photography lamp. Custom-made solution can also be extended to horticulture, industrial, landscape, and intelligence lighting.

Features

- Compact & Light
- Meet IEC/EN 61347-1, IEC/EN 61347-2-13, EN 55015 (EMI)
- Universal AC input : 100-240VAC
- Enclosed
- Efficiency ≥ 92~94%
- Constant voltage output design
- Protections : Short circuit / Over voltage / Over current

Applications

LED Power Supply

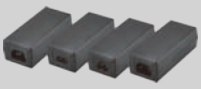
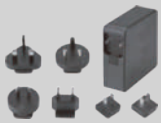
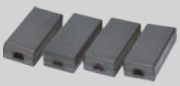
Model No.	Max. Output Power	Output Voltage	Efficiency (@230VAC Full Load)	Dimension
EPL1181	180W	15V/48V	≥92%	120L x 70W x 30H (mm)
EPL1183	180W	57V	≥93%	102L x 90W x 40H (mm)
EPL1250	250W	57V	≥93%	125L x 75W x 40H (mm)
EPL1320	360W	30V	≥93%	180L x 80W x 51H (mm)
EPL1320B	360W	48V	≥93%	220L x 72W x 35H (mm)
EPL1350	350W	48V/57V	≥94%	125L x 95W x 40H (mm)
EPL1600	600W	48V	≥94%	200L x 100W x 61H (mm)
EPL1720	720W	48V	≥94%	210L x 130W x 79H (mm)
EPL1730	750W	48V	≥94%	255L x 72W x 35H (mm)
EPL1740	720W	48V	≥94%	210L x 115W x 50.5H (mm)
EPL1800	800W	48V	≥94%	230L x 100W x 61H (mm)
EPL11440	1440W	48V	≥94%	236L x 150W x 70H (mm)

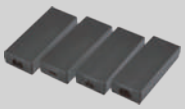
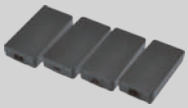
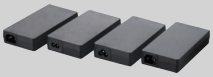
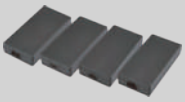
AC/DC Switching Power Supply (ITE/ICT)

AC/DC Single Output Input : 100~240VAC

	Series	Output Power (Max.)	Output Voltage	Size (mm)
	EA1005	4.5~6W	5~12V	54L x 50W x 36H
				57L x 39W x 34H
	EA1012	12W	5~24V	54L x 50W x 36H
				57L x 39W x 34H
	EA1019	15~24W	5~48V	66.5L x 26W x 45.5H
				62.5L x 41W x 34H
	EA1024	16~36W	5~48V	98L x 45.5W x 31.2H
				76L x 43W x 30H
				73.6L x 42.9W x 32.5H
NEW	EA1026	18~24W	5~24V	73L x 47.4W x 31.5H
NEW				73.6L x 42.9W x 32.5H

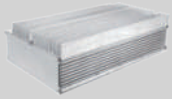
AC/DC Switching Power Supply (ITE / ICT)

	Series	Output Power (Max.)	Output Voltage	Size (mm)
NEW	EA1027	18~30W	5~24V	73L x 47.4W x 31.5H
NEW				73.6L x 42.9W x 32.5H
NEW	EA1041	25~48W	5~56V	98L x 45.5W x 31.2H
Down-sized	EA1044	25~48W	5~48V	90.5L x 35.7W x 26H
	EA1045S	36~48W	5~56V	60L x 60W x 30H
	EA1062S	60~65W	18~56V	75L x 75W x 30H
	EA1068	25~72W	5~56V	113L x 49W x 35H
Down-sized	EA1073	40~65W	12~56V	105.5L x 46.4W x 28.3H
	EA1091S	80~100W	12~56V	86L x 86W x 30H
Down-sized	EA1093	80~100W	12~56V	134.55L x 58.8W x 25.4H
	EA1095	80~100W	12~56V	136.5L x 58.8W x 34H
	EA1101	80~130W	12~56V	137L x 59W x 34H

	Series	Output Power (Max.)	Output Voltage	Size (mm)
NEW Down-sized	EA1121	100~135W	12~56V	136L x 68W x 25.4H
	EA1130	130~150W	12~56V	160L x 64W x 30H
	EA1170	130~180W	12~56V	179L x 64.2W x 40H
	EA1181	150~200W	12~56V	166L x 83W x 28H
NEW Down-sized	EA1183	130~180W	12~56V	151.3L x 75.8W x 25.4H
NEW Down-sized 	EA1232	180~250W	12~56V	151.3L x 75.8W x 25.4H
	EA1250	160~250W	12~56V	182L x 84.5W x 46H
	EA1252	190~250W	12~56V	170L x 84W x 30H
	EA1300	230~310W	12~56V	197.7L x 102W x 51H
Down-sized	EA1330	240~330W	12~56V	200L x 100W x 29H

LED Power Supply

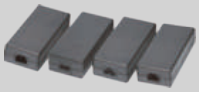
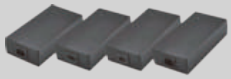
AC/DC Single Output Input : 100~240VAC

	Series	Output Power (Max.)	Output Voltage	Size (mm)
NEW	EPL1181	180W	15V/48V	120L x 70W x 30H
NEW	EPL1183	180W	57V	102L x 90W x 40H
NEW	EPL1250	250W	57V	125L x 75W x 40H
NEW	EPL1320	360W	30V	180L x 80W x 51H
NEW	EPL1320B	360W	48V	220L x 72W x 35H
NEW	EPL1350	350W	48V/57V	125L x 95W x 40H
NEW	EPL1600	600W	48V	200L x 100W x 61H
NEW	EPL1720	720W	48V	210L x 130W x 79H
NEW	EPL1730	750W	48V	255L x 72W x 35H
NEW	EPL1740	720W	48V	210L x 115W x 50.5H
NEW	EPL1800	800W	48V	230L x 100W x 61H
NEW 	EPL11440	1440W	48V	236L x 150W x 70H

Medical Power Supply

AC/DC Single Output Input : 100~240VAC

	Series	Output Power (Max.)	Output Voltage	Size (mm)
	EM1005	4.5~6W	5~12V	54L x 50W x 36H
				57L x 39W x 34H
	EM1012	12W	5~24V	54L x 50W x 36H
				57L x 39W x 34H
	EM1019	15~24W	5~48V	66.5L x 26W x 45.5H
				62.5L x 41W x 34H
	EM1024	16~36W	5~48V	98L x 45.5W x 31.2H
				76L x 43W x 30H
				73.6L x 42.9W x 32.5H
NEW	EM1027	18~30W	5~24V	73L x 47.4W x 31.5H
NEW				73.6L x 42.9W x 32.5H

	Series	Output Power (Max.)	Output Voltage	Size (mm)
	EM1068	25~72W	5~56V	113L x 49W x 35H
	EM1095	80~100W	12~56V	136.5L x 58.8W x 34H
	EM1101	80~130W	12~56V	137L x 59W x 34H
	EM1170	130~180W	12~56V	179L x 64.2W x 40H
	EM1250	160~250W	12~56V	182L x 84.5W x 46H
	EM1300	230~310W	12~56V	197.7L x 102W x 51H

Battery Charger

Lithium-ion Battery Charger AC/DC Single Output Input : 100~240VAC

	Series	Output Power (Max.)	Output Voltage	Size (mm)
NEW	EC1085	84W	42V	125Lx 65W x 33H
NEW	EC1168	168W	42V	175L x 85W x 32H

Lead-Acid Battery Charger

AC/DC Single Output Input : 100~240VAC

	Series	Charge Current (Max.)	Output Voltage	Size (mm)
	EA1089	3.5A	24V	144L x 80W x 55H
	EA1118	4.5A	24V	185L x 100W x 61H
	EA1148	5.5A	24V	185L x 100W x 61H
	EA1230B	8A	24V	184L x 88W x 186.6H

USB Type-C Adaptor

AC/DC Single Output Input : 100~240VAC

	Series	Output Power (Max.)	Output Voltage	Size (mm)
	EA1045	30~45W	5/9/12/15/20V	100L x 45W x 31H
				100L x 40.5W x 31H
				98.2L x 46.3W x 31.5H
	EA1045S	30~45W	5/9/12/15/20V	60L x 60W x 30H

	Series	Output Power (Max.)	Output Voltage	Size (mm)
	EA1062	60W	5/9/15/20V	113L x 47.5W x 31H
	EA1062S	60~65W	5/9/12/15/20V	75L x 75W x 30H
	EA1103	85~100W	5/9/12/15/20V	137L x 59W x 34H
	ED1046P	45W	5/9/12/15/20V	83L x 27W x 21H

Open Frame

Industrial : IEC/EN/UL 62368-1

AC/DC Single Output Input : 100~240VAC

	Series	Output Power (Max.)	Output Voltage	Size (mm)
	EP1065U	30~65W	5~56V	101.6L x 50.8W x 37H
	EP1100A	100W	12V	101.6L x 50.8W x 34.2H
	EP1121	100~130W	12~52V	101.6L x 50.8W x 32H

Medical : IEC/EN/UL 60601-1

AC/DC Single Output Input : 100~240VAC

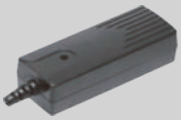
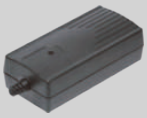
EPM1065

Output Power : 30~65W Max.
Size (mm) : 101.6L x 50.8W x 37H

Single	Dual			Triple				
Vout 1	Vout 1	/	Vout 2	Vout 1	/	Vout 2	/	Vout 3
5,12,15,19, 24,36,48V	12,15,19,24V		5V	12, 24V		5V		-12V

DC/DC Converter

DC/DC Single Output Input : 11~36VDC

	Series	Output Power (Max.)	Output Voltage	Size (mm)
	ED1025	30W	8~12V	105L x 40W x 26.5H
	ED1032	20~50W	5~24V	105L x 40W x 26.5H
	ED1046	36~45W	12~20V	83L x 27W x 21H
	ED1058	41~72W	5~12V	105L x 40W x 26.5H
	ED1062	90W	12~24V	114.7L x 55.6W x 35H
	ED1075	75W	15~24V	105L x 40W x 26.5H
	ED1086	85W	18~24V	105L x 40W x 26.6H
	ED1096	90W	16~24V	105.9L x 51.5W x 18.4H
	ED1097	90W	19~20V 5.1V USB	90L x 42.2W x 20H
	ED1010	120W	16~24V	114.7L x 55.6W x 35H

SAFETY APPROVALS

EDAC's products can meet various safety approvals as quality assurance.

ITE/ICT 62368

Medical 60601

Energy Saving

NRCan (Canada)

DOE Level VI (USA)

CoC Tier 2

(Europe)

Others

CCC (China)

BSMI (Taiwan)

PSE (Japan)

RCM (Australia)

KCC (Korea)

UKCA (United Kingdom)

BIS (India)

EAC (Russia)

PSB (Singapore)

S-Mark (Argentina)

NOM (Mexico)

ISO

Taipei/SuZhou ISO 9001
(Certified in 2021)

Taipei/SuZhou ISO 14001
(Certified in 2021)

DongGuan ISO 9001
(Certified in 2021)

DongGuan ISO 14001
(Certified in 2020)

EDAC Corporate Culture

Enthusiasm

Dedication

Advancement

Consistency

翌勝電子股份有限公司

EDACPOWER ELECTRONICS CO., LTD.

11F-2, NO.150 Jian Yi Rd., Zhonghe Dist.,
New Taipei City 235603, Taiwan, R.O.C.
T +886-2-8226-3289 F +886-2-8226-3327
sales@edac.com.tw

TAIWAN FACTORY
EDACPOWER ELECTRONICS CO., LTD.

18F-2, NO.150 Jian Yi Rd., Zhonghe Dist.,
New Taipei City 235603, Taiwan, R.O.C.
T +886-2-8226-3289 F +886-2-8226-3327

CHINA FACTORY
EDACPOWER ELECTRONICS (SU ZHOU) CO., LTD.

No.59, Chang Sheng Rd., Sheng Pu, Suzhou Industrial
Park, Jiangsu 215126, China
T +86-0512-6282-1628 F +86-0512-6282-9608

EDACPOWER ELECTRONICS (DONGGUAN) CO., LTD.

No.108, Golden Phoenix Industry Area, Fenggang Town,
Dongguan City, Guangdong Province 523681, China
T +86-0769-3885-9898 F +86-0769-3885-9897

Copyright© 2022 EDACPOWER ELECTRONICS. All Rights Reserved.

www.edac.com.tw