

EDACPOWER



Power on your future

2024

EDAC POWER ELECTRONICS CO., LTD.

Switching Adapter & Power Supply



Company Profile

With more than **25** 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.

80

EDACPOWER

Taipei, Taiwan (HQ)

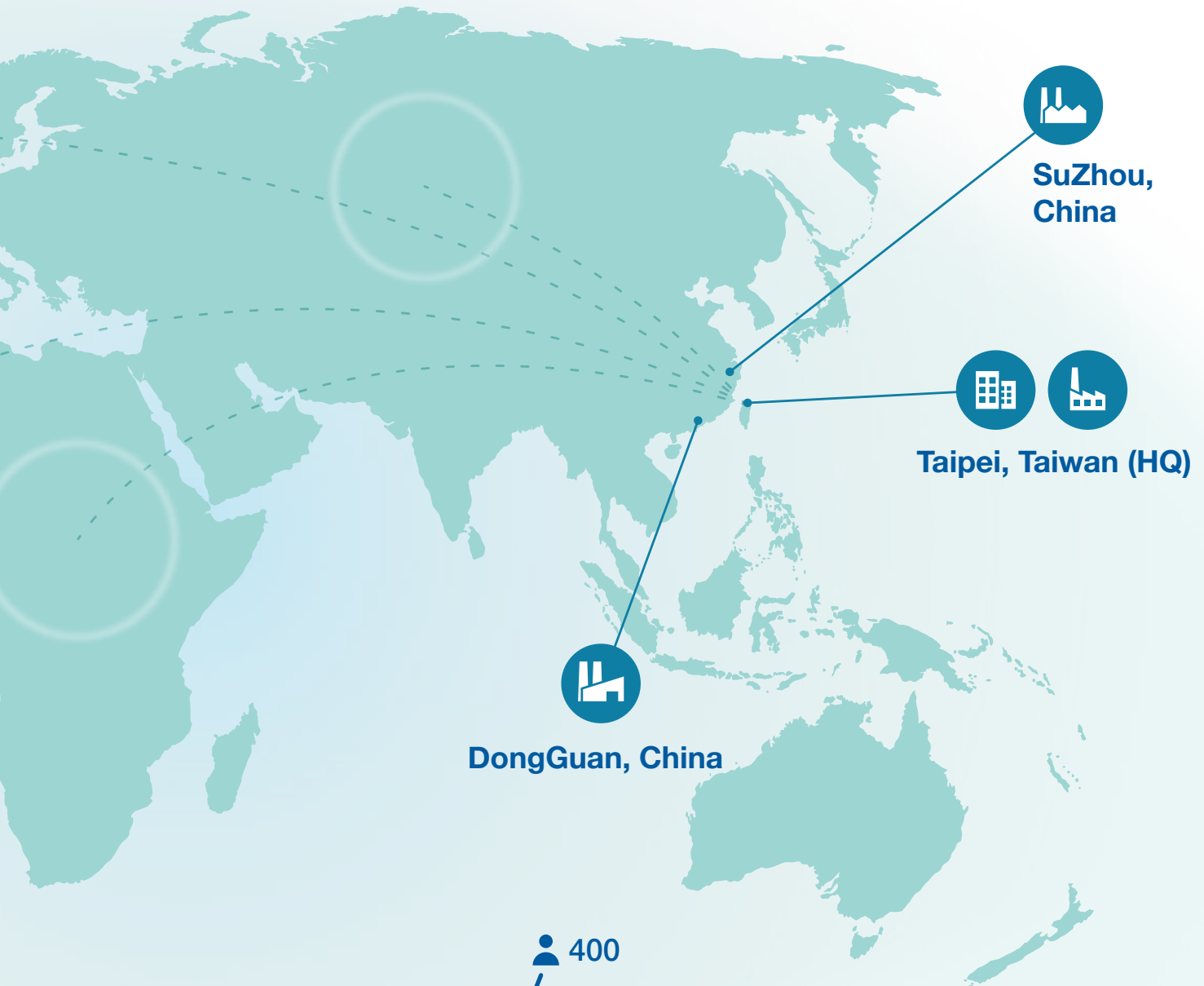
Administration & Factory / Sales / R&D / Procurement

700

SuZhou, China

Factory / Sales / R&D

Locations



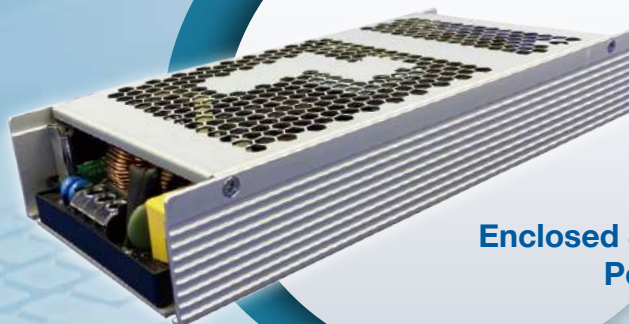
/ Procurement

400

A photograph of a large, multi-story industrial building. A circular icon with a factory symbol is overlaid on the image, connected to the number '400' above it.

DongGuan, China

Factory / Sales / R&D / Procurement



**Enclosed Switching
Power Supply**



Medical Power Supply



DC/DC Switching Converter

Product



ITE/ICT Switching Power Supply



Battery Charger



PD Charger (USB Type-C)



Open Frame Switching Power Supply



ITE/Medical GaN Adapter

Features

- IEC/EN/UL 62368-1 & IEC/EN/UL 60601-1 (ed.3.2) Compliance
- Gallium Nitride Solution
- Universal Input 100-240VAC
- 2 x MOPP Compliance
- Compact Size
- Customized Design Available
- Energy Efficiency up to 95%
- MTBF>100,000 hours
- Protections: Short Circuit / Over Voltage / Over Current / Over Temperature

	Series	Output Power	Output Voltage	Size (mm)
	EM1067S	48~65W	12~56V	75L x 75W x 30H
	EM1122	100~120W	12~56V	136L x 68W x 30H
	EM1180	135~180W	12~56V	151.3L x 75.8W x 25.4H
	EM1251	200~250W	12~56V	170L x 84W x 30H
Coming Soon				
	EM1330	270~330W	12~56V	170L x 84W x 30H
	EM1450	360~450W	12~56V	260L x 95W x 43H



USB-C GaN PD Charger

Features

- IEC/EN/UL 62368-1 Compliance
- Gallium Nitride Solution
- Universal Input 100-240VAC
- Customized Design Available
- PD3.0/PD3.1 & QC4+ Compliance
- MTBF>100,000 hours
- Protections: Short Circuit / Over Voltage / Over Current / Over Temperature (optional)
- Applications: Mobile phones, Tablets, Digital cameras, Headphones, Earphones, Laptops, and other portable devices

	Series	Output Power	Output Voltage	PD	QC	USB port
	EU106A	65W	5/9/12/15/20V	PD3.0	QC4+	-
	EU204AS	45W	5/9/12/15/20V	PD3.0	QC4+	1A+1C
	EU306AS	65W	5/9/12/15/20V	PD 3.0	QC4+	1A+2C
Coming Soon 	EU114AS	140W	5/9/12/15/20/28V	PD3.0	QC4+	1C
Coming Soon 	EU414BXR	140W	5/9/12/15/20/28V	PD 3.0	QC4+	1A+3C
Coming Soon 	EU424A	240W	5/9/12/15/20/28/36/48V	PD3.1	QC4+	1A+3C



Enclosed Switching Power Supply

Features

- IEC/EN/UL 62368-1 Compliance
- Designs based on ITE and Industrial Regulations
- Fanless and Conduction-cooled Design
- Slim and Low Profile
- Universal Input 100-240VAC
- Built-in Active PFC Function
- LED Indicator
- MTBF > 50,000 hours
- DC OK Active Signal
- Customized solutions available
- Energy Efficiency up to 95%
- Protections: Short Circuit / Over Voltage / Over Current / Over Temperature (optional)












	Series	Output Power	Output Voltage	Size (mm)
	EP1500	500W	12/24/36/48V	232L x 81W x 31H
	EP1800	750~800W	12/24/36/48V	237L x 100W x 41H
	EP11000	960~1008W	12/24/36/48V	240L x 115W x 41H
	EP11500	1500~1512W	24/48V	290L x 140W x 41H





















ITE/ICT Switching Power Supply

AC/DC Single Output Input : 100~240VAC

	Series	Output Power	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 64W x 26H
				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
	EA1026	18~24W	5/9/12/24V	73L x 47.4W x 31.5H
				73.6L x 42.9W x 32.5H

ITE/ICT Switching Power Supply

	Series	Output Power	Output Voltage	Size (mm)
	EA1041	25~48W	5~56V	98L x 45.5W x 31.2H
Down-Size 	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-Size 	EA1073	40~65W	12~56V	105.5L x 46.4W x 28.3H
	EA1091S	80~100W	12~56V	86L x 86W x 30H
Down-Size 	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
Down-Size 	EA1121	100~135 W	12~56V	136L x 68W x 25.4H
	EA1130	130~150W	12~56V	160L x 64W x 30H


	Series	Output Power	Output Voltage	Size (mm)
New Down-Size 	EA1153	135~150W	12~56V	138.2L x 68.3W x 23.5H
	EA1170	130~180W	12~56V	179L x 64.2W x 40H
	EA1181	150~200W	12~56V	166L x 83W x 28H
Down-Size 	EA1183	130~180W	12~56V	151.3L x 75.8W x 25.4H
Down-Size 	EA1232	180~230W	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
	EA1330	240~330W	12~56V	200L x 100W x 29H
New GaN 	EA1360	300~360W	12~56V	170L x 84W x 30H



Medical Power Supply

AC/DC Single Output Input : 100~240VAC

	Series	Output Power	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 64W x 26H
				62.5L x 41W x 34H
	EM1024	16~36W	5~48V	98L x 45.5W x 31.2H
				76L x 43W x 30H
	EM1027	18~30W	5/9/12/24V	73L x 47.4W x 31.5H
				73.6L x 42.9W x 32.5H

	Series	Output Power	Output Voltage	Size (mm)
	EM1067S	48~65W	12~56V	75L x 75W x 30H
	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
	EM1122	100~120W	12~56V	136L x 68W x 30H
	EM1170	130~180W	12~56V	179L x 64.2W x 40H
	EM1180	135~180W	12~56V	151.3L x 75.8W x 25.4H
	EM1250	160~250W	12~56V	182L x 84.5W x 46H
	EM1251	200~250W	12~56V	170L x 84W x 30H
	EM1300	230~310W	12~56V	197.7L x 102W x 51H
	EM1450	360~450W	12~56V	260L x 95W x 43H



PD Charger (USB Type-C)

AC/DC Single Output Input : 100~240VAC




	Series	Output Power	Output Voltage	Size (mm)
				100L x 45W x 31H
	EA1045	30~45W	5/9/12/15/20V	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
	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
New GaN 	EU106A	65W	5/9/12/15/20V	90L x 40W x 27H
	EA1103	85~100W	5/9/12/15/20V	136.5L x 58.8W x 34H
New GaN 	EU204AS	45W	5/9/12/15/20V	50L x 48.3W x 30.4H
New GaN 	EU306AS	65W	5/9/12/15/20V	57.6L x 57.2W x 32H
	ED1046P	45W	5/9/12/15/20V	83L x 27W x 21H



Battery Charger





Lithium-ion Battery Charger

AC/DC Single Output Input : 100~240VAC

	Series	Output Power (Max.)	Output Voltage/Current	Size (mm)
<p>For 36V-10S battery pack use</p> 	EC1085	84W	42V	125Lx 65W x 33H
<p>For 36V-10S battery pack use</p> 	EC1168	168W	42V	175L x 85W x 32H
<p>For 48V-13S battery pack use</p> 		163.8W	54.6V	

Lead-Acid Battery Charger

AC/DC Single Output Input: 100~240VAC

	Series	Output Power	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



Open Frame Switching Power Supply

AC/DC Single Output Input : 100~240VAC

Medical/ITE : IEC/EN/UL 60601-1 & 62368-1

Series	Numbers Of Outputs	Output Power			Output Voltage	Size (inch)
		Convection	Peak(10s)	Forced air		

New



EPM104A	Single	30~48W	-	-	12~56V	2.5" x 1.5"
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New



EPM106A	Single	45~65W	-	-	12~56V	3" x 2"
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EPM1122	Single	100~120W	130~150W	130~150W (10CFM)	12/15/24/ 27/36/48V	3" x 2"
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EPM1153	Single	130~150W	-	170~200W (10CFM)	12/15/24/ 27/48V	4" x 2"
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EPM1350	Single	300~350W	-	-	12/15/18/24/ 27/36/48V	5" x 3"
EPM2350	Dual	300~350W	-	400~500W (25CFM)	12/15/18/24/ 27/36/48V	

5V



Enclosed Switching Power Supply

AC/DC Single Output Input : 100~240VAC

	Series	Output Power	Output Voltage	Size (mm)
 New	EP1500	500W	12/24/36/48V	232L x 81W x 31H
	EP1800	750~800W	12/24/36/48V	237L x 100W x 41H
	EP11000	960~1008W	12/24/36/48V	240L x 115W x 41H
	EP11500	1500~1512W	24/48V	290L x 140W x 41H
	EPL1130	130W	15V	142L x 70W x 42H
	EPL1181	180W	15/48V	120L x 70W x 30H
	EPL1183	180W	57V	102L x 90W x 40H
	EPL1250	250W	57V	125L x 75W x 40H
	EPL1320	360W	30V	180L x 80W x 51H
	EPL1320B	360W	48V	220L x 72W x 35H
	EPL1350	350W	48/57V	125L x 95W x 40H






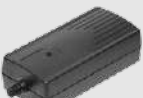
Enclosed Switching Power Supply / DC/DC Switching Converter

	Series	Output Power	Output Voltage	Size (mm)
	EPL1600	600W	48V	200L x 100W x 61H
	EPL1720	720W	48V	210L x 130W x 79H
	EPL1720B	720W	48V	212L x 130W x 71.6H
	EPL1730	750W	48V	255L x 72W x 35H
	EPL1740	720W	48V	210L x 115W x 50.5H
	EPL1800	800W	48V	230L x 100W x 61H
	EPL11000	1000W	48V	300L x 180W x 79H
	EPL11001	1000W	48V	224L x 110W x 72.6H
	EPL11440	1440W	48V	236L x 150W x 70H
	EPL11500	1440W	48V	250L x 154W x 98.5H
	EPL12500	2500W	96V	300L x 190W x 101H



DC/DC Switching Converter

DC/DC Single Output Input : 11~36VDC

	Series	Output Power	Output Voltage	Size (mm)
	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
	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

Milestones

1998

- EDAC POWER ELECTRONICS CO., LTD. (Taiwan Head Quarter) established
- Manufacturing of ITE switching power supply and DC/DC converter started (OEM)

2007

- Management Information System (MIS) implemented

2009

- ISO9001 & ISO14001 certification (TUV) acquired for SuZhou factory
- Enterprise Resource Planning System (ERP) implemented

2002

- First manufacturing plant established in SuZhou, China

2005

- SuZhou factory is qualified as Rank A class Enterprise by China customs

2009

- Medical power supply EM series & Battery Charger launched

2013

- First Industrial & Medical open frame series launched

2016

- Second manufacturing plant established in DongGuan, China

2017

- ISO9001 & ISO14001 certification (TUV) acquired for DongGuan factory

2018

- R&D development in Down-sized power solutions

2019

- Sedex (Supplier Ethical Data Exchange) Qualification acquired

2021

- Extend product line to LED power supply
- Enter Lithium-ion battery charger industry

2022

- Open frame power supply 150W/200W/500W launched

2020

- Third manufacturing plant established in Taipei, Taiwan
- ISO9001 & ISO14001 certification (TUV) acquired for Taiwan factory
- EMC testing equipments invested in Taiwan Head Quarter
- ITE Switching power supplies upgraded to IEC/EN/UL62368 regulation

2023

- R&D development in Enclosed power supply up to 2500Watts

2024

- ISO 14064 certification (TUV) acquired for SuZhou and Taiwan factory

SAFETY APPROVALS

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

ITE/ICT 62368



CB

FC CE

Medical 60601



CB

FC CE

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 14064
(Certified in 2024)



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

E Enthusiasm

D Dedication

A Advancement

C Consistency

EDACPOWER

翌勝電子股份有限公司

EDAC POWER ELECTRONICS CO., LTD.

11F-2, NO. 150 Jian Yi Rd., Zhong Ho District,
New Taipei City, Taiwan, R.O.C.

☎ +886-2-8226-3289 ☎ +886-2-8226-3327

✉ sales@edac.com.tw

TAIWAN FACTORY

EDAC POWER ELECTRONICS CO., LTD.

18F-2, NO. 150 Jian Yi Rd., Zhong Ho District,
New Taipei City, Taiwan, R.O.C.

☎ +886-2-8226-3289 ☎ +886-2-8226-3327

✉ sales@edac.com.tw

CHINA FACTORY

EDAC POWER ELECTRONICS (SU ZHOU) CO., LTD.

No. 59, Chang Sheng Road, Sheng Pu,
Suzhou Industrial Park, Jiangsu, China

☎ +86-0512-6282-1628 ☎ +86-0512-6282-9608

EDAC POWER ELECTRONICS (DONGGUAN) CO., LTD.

No 108, Golden Phoenix Industry Area, Fenggang Town,
Dongguan City, Guangdong Province, China

☎ +86-0769-3885-9898 ☎ +86-0769-3885-9897



www.edac.com.tw