

EDACPOWER



Power on your future

2025

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 AC-DC Switching power supply, USB Type-C adaptor, DC / DC converter, Battery charger, LED power supply, Open framed/ Enclosed high power, and Down-sized solutions. With widepower design ranges 4.5W to 2500W, our diverse portfolio enables us to serve the clients across various industries, include ICT, Medical, E-bike, Lighting, Industrial, etc.

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 the manufacturing plants in Suzhou, Dongguan, and Taiwan, with Quality and Environment management system- ISO 9001 & ISO 14001 certified. Three locations house a staff of total 800 employees.

With the commitment to quality, reliability, and customer satisfaction, our journey is deeply rooted in a passion for technology advancement and customer-centric values. Moreover, by embracing eco-friendly practices and green technologies, we commit to minimize the carbon emissions and contribute towards to a greener, more sustainable future.



Taipei, Taiwan (HQ)

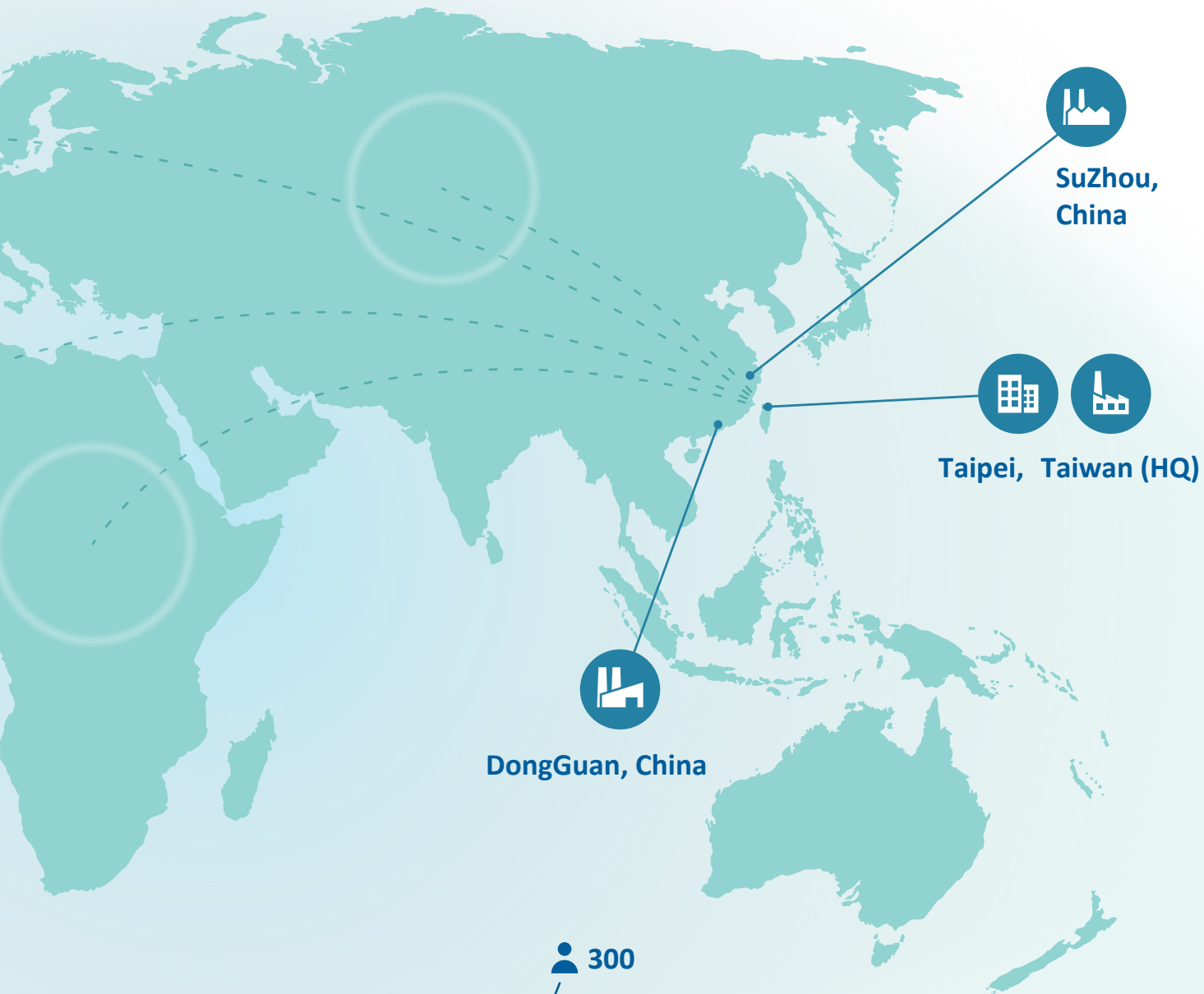
Administration & Factory / Sales / R&D / Procurement



SuZhou, China

Factory / Sales / R&D

Locations



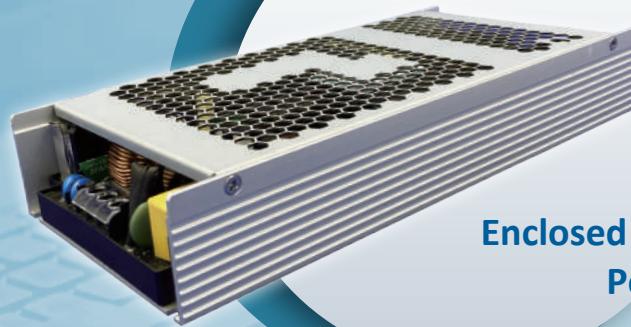
Procurement



300



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



**Enclosed Switching
Power Supply**



Medical Power Supply



DC/DC Switching Converter

Product



ITE/ICT Switching Power Supply

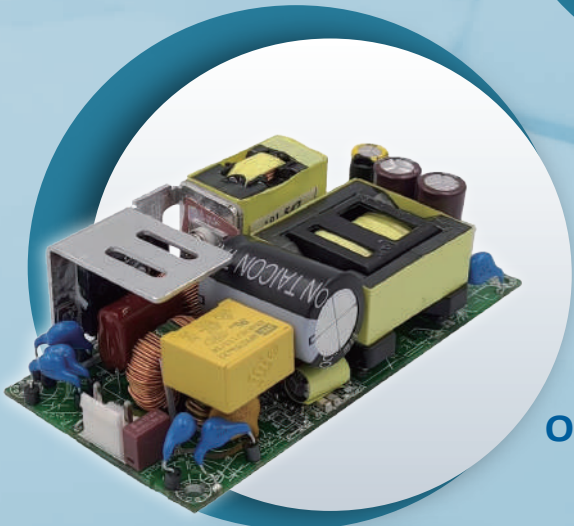


Battery Charger

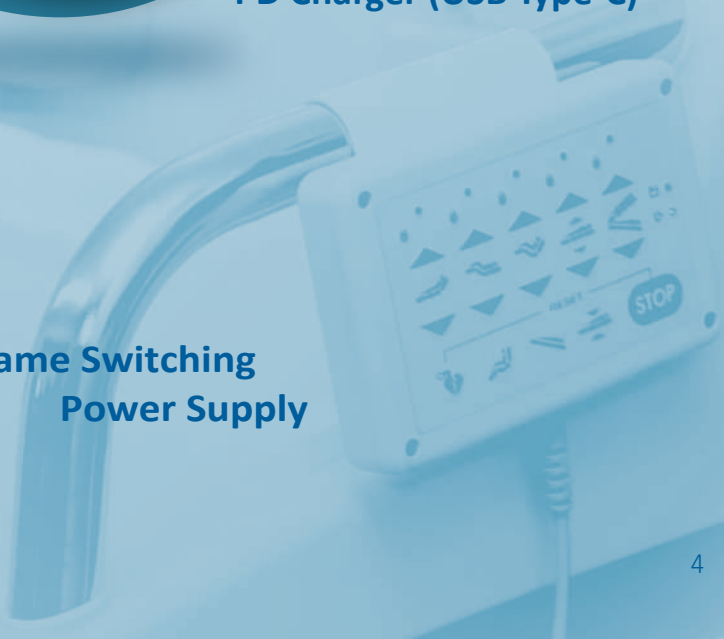
Category



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
	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				
	EM1331	230~330W	12~56V	Coming Soon
	EM1420	330~420W	12~56V	200L x 100W x 36H
	EM1450	450~500W	19~56V	260L x 95W x 43H



USB-C GaN PD Charger

Features

- IEC/EN/UL 62368-1 OR IEC/EN/UL 60601-1(ed.3.2) 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)

	Series	Output Power	Output Voltage	PD	QC	USB port
	EU204AS	45W	5/9/12/15/20V	PD3.0	QC4+	1A+1C
	EU306AS	65W	5/9/12/15/20V	PD3.0	QC4+	1A+2C
	EU106A	65W	5/9/12/15/20V	PD3.0	QC4+	-
	EU114AS	140W	5/9/12/15/20/28V	PD3.1	QC4+	1C
Coming Soon 	EU414BXR	140W	5/9/12/15/20/28V	PD3.1	QC4+	1A+3C
	EU424A	240W	5/9/12/15/20/28V	PD3.1	QC4+	1A+3C
Coming Soon 	EU124B	240W	5/9/15/20/28/36/48V	PD3.1	-	-
Medical 	EUM106AXR	45/65W	5/9/12/15/20V	PD3.0	QC4+	1C
Medical 	EUM110A	100W	5/9/12/15/20V	PD3.0	QC4+	-
Medical Coming Soon 	EUM114A	140W	5/9/12/15/20/28V	PD3.1	QC4+	-



Open Frame Switching Power Supply

Features

- IEC/EN/UL 62368-1 & IEC/EN/UL 60601-1 (ed.3.2) Compliance
- Universal Input 100-240VAC
- Compact Size
- Energy Efficiency up to 93%
- Gallium Nitride Solution
- 2 x MOPP Compliance
- Customized Design Available
- MTBF > 100,000 hours












	Series	Numbers Of Outputs	Output Power			Output Voltage	Size (mm)
			Convection	Peak(10s)	Forced air		
	EPM104A	Single	30~48W	-	-	12~56V	2.5" x 1.5"
	EPM106A	Single	45~65W	-	-	12~56V	3" x 2"
	EPM1122	Single	100~120W	130~150W	130~150W (10CFM)	12/15/24/27/36/48V	3" x 2"
	EPM1153	Single	130~150W	-	170~200W (10CFM)	12/15/24/27/48V	4" x 2"
	EPM1350	Single	300~350W	-	400~500W (25CFM)	12/15/18/24/27/36/48V	5" x 3"
	EPM2350	Dual	300~350W	-		12/15/18/24/27/36/48V 5V	














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	100~135W	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)
 <p>New Down-Size</p>	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
 <p>Down-Size</p>	EA1183	130~180W	12~56V	151.3L x 75.8W x 25.4H
 <p>Down-Size</p>	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 52H
	EA1330	240~330W	12~56V	200L x 100W x 29H
 <p>New GaN</p>	EA1360	300~360W	12~56V	170L x 84W x 31.5H



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
				73.6L x 42.9W x 32.5H
	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
	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
	EM1420	330~420W	12~56V	200L x 100W x 36H
	EM1450	450~500W	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)
<p>New GaN</p>	EU204AS	45W	5/9/12/15/20V	50L x 48.3W x 30.4H
<p>New GaN</p>	EU306AS	65W	5/9/12/15/20V	57.6L x 57.2W x 32H
<p>New GaN</p>	EU106A	65W	5/9/12/15/20V	90L x 40W x 27H
<p>New GaN</p>	EU114AS	140W	5/9/12/15/ 20/28V	75L x 70W x 32H
<p>New GaN</p>	EU424A	240W	5/9/12/15/ 20/28V	123L x 95W x 36H
<p>Medical New GaN</p>	EUM106AXR	45/65W	5/9/12/15/20V	58L x 53.2W x 31.5H
<p>Medical New GaN</p>	EUM110A	100W	5/9/12/15/20V	136L x 68W x 25.4H
				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






	Series	Output Power	Output Voltage	Size (mm)
	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
	EA1103	85~100W	5/9/12/15/20V	136.5L x 58.8W x 34H
	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(Max.)	Size (mm)
<p>For 24V-7S battery pack use</p> 	EC1085	58.8W	29.4V/2A	125Lx 65W x 33H
<p>For 36V-10S battery pack use</p> 		84W	42V/2A	
<p>For 36V-10S battery pack use</p> 	EC1168	168W	42V/4A	175L x 85W x 32H
<p>For 48V-13S battery pack use</p> 		163.8W	54.6V/3A	
<p>For 24V-7S battery pack use</p> 	EC1147	147W	29.4V/5A	175L x 85W x 32H

Lead-Acid Battery Charger

AC/DC Single Output Input : 100~240VAC

	Series	Output 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



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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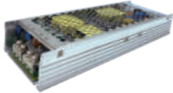
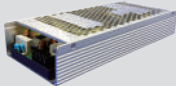
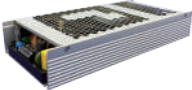
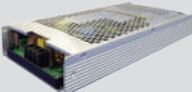
EPM1350	Single	300~350W	-	-	12/15/18/24/27/36/48V	5" x 3"
				400~500W (25CFM)	12/15/18/24/27/36/48V	

EPM2350	Dual	300~350W	-	-	5V
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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

Remark : Customized solutions up to 5,000 Watts is available. Please contact our sales team for more information.



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
- ISO 14067 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)

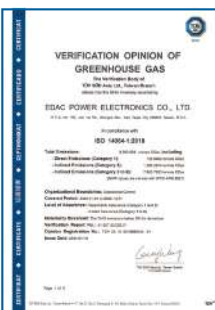


NOM (Mexico)

ISO



Taipei/SuZhou
ISO 14067
(Certified in 2024)



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

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