

EDACPOWER

Power on your future



Medical AC/DC Switching Power Supply



CB

FC

CE

EDACPOWER ELECTRONICS CO., LTD.

www.edac.com.tw | E-mail: sales@edac.com.tw

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 two manufacturing plants in Suzhou and Taiwan, with ISO 9001 & ISO 14001 certified. The two locations house a staff of around 800 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)

Administration & Factory / Sales / R&D / Procurement

80



SuZhou, China

Factory / Sales / R&D / Procurement

700



SuZhou, China



Taipei, Taiwan (HQ)

Medical Power Solutions

Reliable, Comprehensive, Green Power Supplies

By combining global safety standards, cutting-edge features, and customized services, EDACPOWER offers power supply solutions that aim to enhance overall medical system performance.

In the trend of population aging and the advancement of electronic technology, reliable power solutions play a critical role in supporting the increasingly demanding medical devices and systems. EDACPOWER proudly presents the cutting-edge Medical Power Supply Series. Designed to meet the unique needs of the medical industry, EDACPOWER's power supplies combine innovation, safety, and efficiency to ensure optimal performance in medical settings.

EDACPOWER's power supplies are designed and manufactured in accordance with medical safety standard- IEC60601-1, and high efficiency which reduce energy waste and contribute to a greener environment.

Whether it's diagnostic equipment, patient monitoring systems, surgical tools, or laboratory devices, EDACPOWER provides power supplies aimed to meet the diverse requirement of medical facilities.

Advantages

- *Global Safety Compliance
- *2 x MOPP Isolation for Medical appliances
- *Meet IEC 60601-1 (ed. 3.2) & IEC 60601-1-2 (ed. 4.1)
- *Multiple Output Protections
- *High Efficiency and Reliability
- *Compact size and high power density
- *Applicable to diverse medical facilities

Applications



Surgical Light



Dental Device



Medical Tablet



Ventilator



Alarm System



Medical PTZ
Camera



Hospital Bed
Massager



Medical Box PC



Medical Battery
System



Air Compressor
System



Diagnostic
Platform



Physiotherapy
Instrument

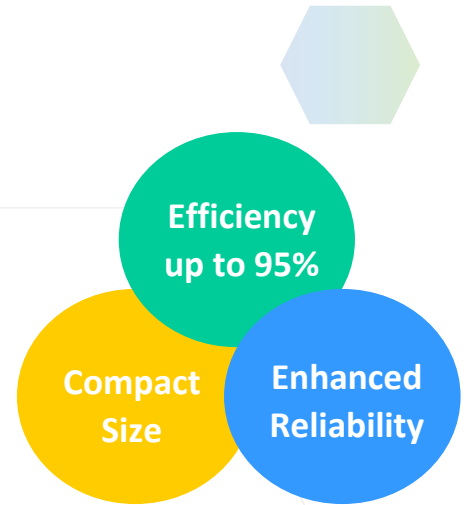
Unleashing the Potential of GaN Technology

GaN technology has revolutionized the medical power supply landscape, providing efficient, compact, and reliable solutions for a wide range of medical applications.




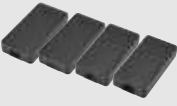


Gallium Nitride (GaN) is a wide-bandgap semiconductor that has gained significant attention in various high-power applications, including medical industries.

With a unique crystalline structure, GaN exhibits superior properties compared to traditional silicon MOSFETs, including higher electron mobility and thermal conductivity.

GaN technology enables power supply designs to be smaller, more efficient, and contribute to energy-saving.



Medical GaN Desktop & Wall mount | 48~450W

	Series	Output Power	Output Voltage	Size (mm)
	EM1067S	48~60W	12~56Vdc	75L x 75W x 30H
	EM1122	100~120W	12~56Vdc	136L x 68W x 25.4H
	EM1180	135~180W	12~56Vdc	151.3L x 75.8W x 25.4H
	EM1251	200~250W	12~56Vdc	166L x 83W x 28H
	EM1360	270~330W	12~56Vdc	170L x 84W x 30H
	EM1450	360~450W	12~56Vdc	192L x 96W x 33H

Desktop | 16~450W



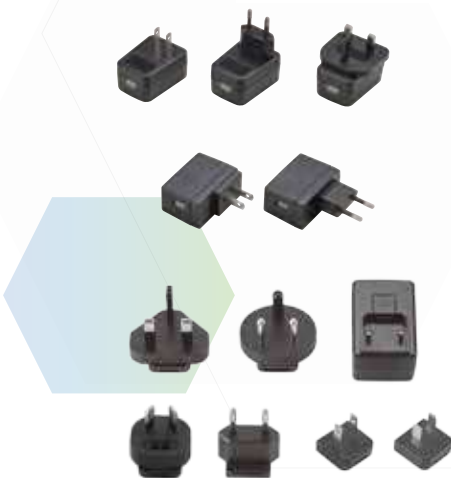
- 2 x MOPP & IEC/EN 60601-1 Compliance
- EMC 60601-1-2 Compliance
- Universal Input 100-240VAC
- Multiple Output Protections
- GaN Solutions Available

Open Frame | 30~500W



- 2 x MOPP & IEC/EN 60601-1 Compliance
- EMC 60601-1-2 Compliance
- Universal Input 100-240VAC
- Multiple Output Protections
- Compact Size
- Customized Solutions Available

Wall-Mounted | 4.5~60W



- 2 x MOPP & IEC/EN 60601-1 Compliance
- EMC 60601-1-2 Compliance
- Universal Input 100-240VAC
- Multiple Output Protections
- Fixed and Interchangeable ac plugs available for numerous countries

AC/DC Medical Desktop | 16~450W | Class I & Class II

	Series	Output Power	Output Voltage	Size (mm)
	EM1024	16~36W	5~48Vdc	98L x 45.5W x 31.2H
	EM1068	25~72W	5~56Vdc	113L x 49W x 35H
	EM1095	80~100W	12~56Vdc	136.5L x 58.8W x 34H
	EM1101	80~130W	12~56Vdc	137L x 59W x 34H
GaN 	EM1122	100~120W	12~56Vdc	136L x 68W x 25.4H
	EM1170	130~180W	12~56Vdc	179L x 64.2W x 40H
GaN 	EM1180	135~180W	12~56Vdc	151.3L x 75.8W x 25.4H
	EM1250	160~250W	12~56Vdc	182L x 84.5W x 46H
GaN 	EM1251	200~250W	12~56Vdc	166L x 83W x 28H
	EM1300	230~310W	12~56Vdc	197.7L x 102W x 51H
GaN 	EM1360	270~330W	12~56Vdc	170L x 84W x 30H
GaN 	EM1450	360~450W	12~56Vdc	192L x 96W x 33H

Medical Open Frame | 30~500W



EPM1065

- Output Power : 30~65W
- Size (mm) : 101.6L x 50.8W x 33.5H

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

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



EPM1122 Single 100~120W 130~150W 130~150W (10CFM) 12~48Vdc 3" x 2"



EPM1153 Single 130~150W - 170~200W (10CFM) 12~48Vdc 4" x 2"






EPM1350

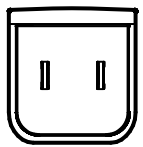
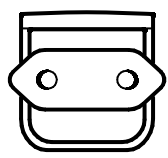
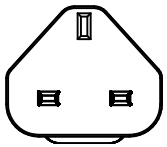
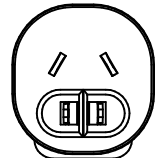
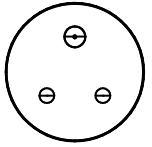
Single	300~350W	-	400~500W (25CFM)	12~48Vdc	5" x 3"
Dual	300~500W	-	300~500W	12,15,18,24, 27,36,48V	

5V






Medical Wall mount | 4.5~60W | Interchangeable AC plug

	Series	Output Power	Output Voltage	Size (mm)
	EM1005	4.5~6W	5~12Vdc	57L x 39W x 34H
	EM1012	12W	5~24Vdc	57L x 39W x 34H
	EM1019	15~24W	5~48Vdc	62.5L x 41W x 34H
	EM1024	16~36W	5~48Vdc	73.6L x 42.9W x 32.5H
	EM1027	18~30W	5~24Vdc	73.6L x 42.9W x 32.5H
GaN 	EM1067S	48~60W	12~56Vdc	75L x 75W x 30H

AC PLUG TYPE

Series	USA/CHINA	EU/Korea /South Africa	UK	SAA	India
ALL Series					

Medical Wall mount | 4.5~36W | Fixed AC plug

	Series	Output Power	Output Voltage	Size (mm)
	EM1005	4.5~6W	5~12Vdc	54L x 50W x 36H
	EM1012	12W	5~24Vdc	54L x 50W x 36H
	EM1019	15~24W	5~48Vdc	66.5L x 64W x 26H
	EM1024	16~36W	5~48Vdc	76L x 43W x 30H
	EM1027	18~30W	5~24Vdc	73L x 47.4W x 31.5H

EDACPOWER Corporate Culture

Enthusiasm
Dedication
Advancement
Consistency



EDACPOWER

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.

☎ +886-2-8226-3289 ☎ +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.

☎ +886-2-8226-3289 ☎ +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

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



www.edac.com.tw