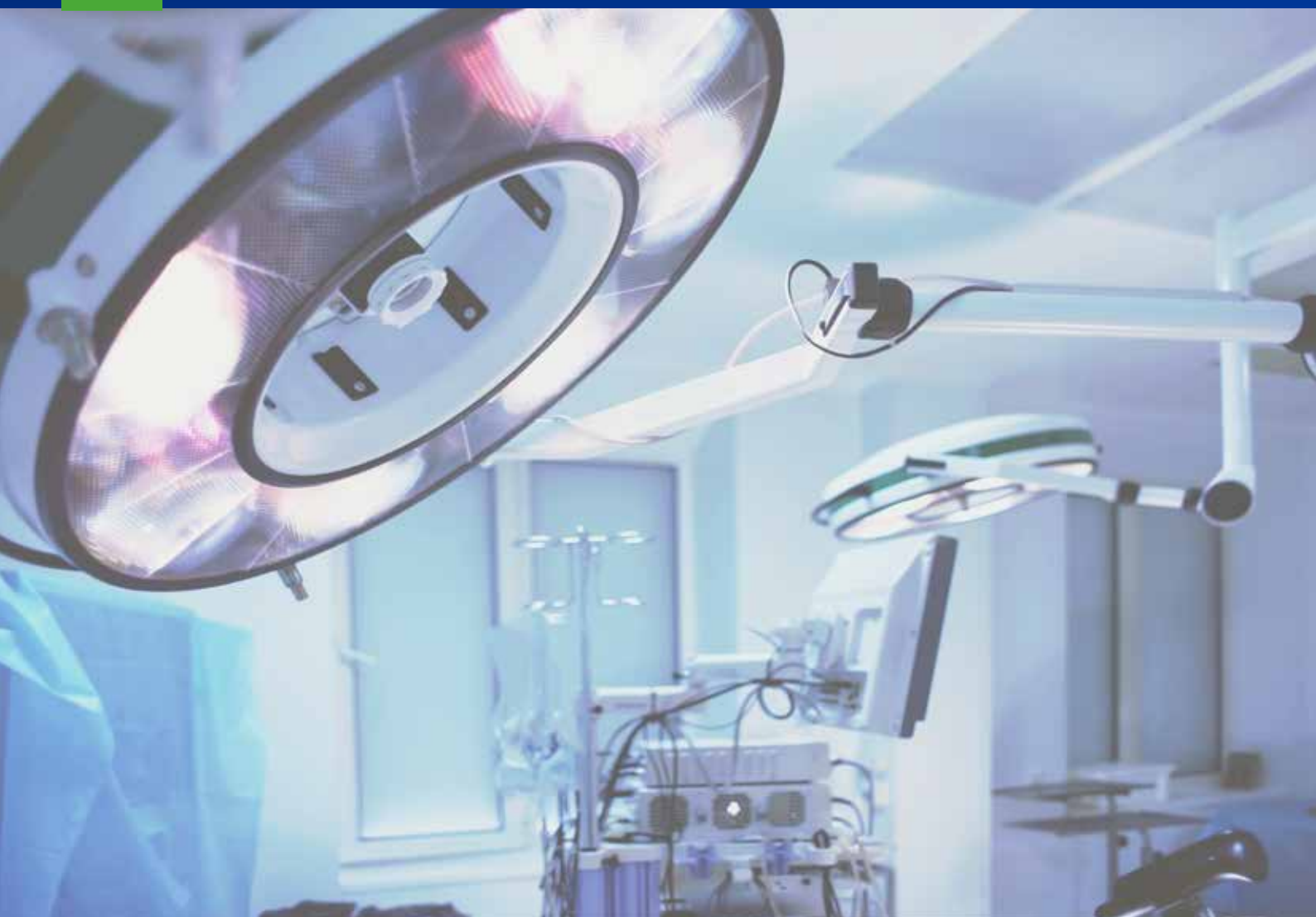


EDACPOWER

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 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)

Administration & Factory / Sales / R&D / Procurement

80



SuZhou, China

Factory / Sales / R&D / Procurement

700



DongGuan, China

Factory / Sales / R&D / Procurement

400



SuZhou, China



Taipei, Taiwan (HQ)



DongGuan, China

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.



NEW

Medical GaN Desktop & Wall mount | 48~550W

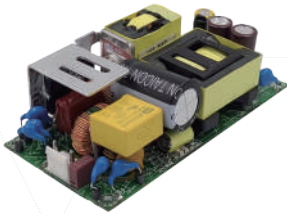
	Series	Output Power	Output Voltage	Size (mm)
	EM1067S	48~65W	12~56Vdc	75L x 75W x 30H
	EM1122	100~120W	12~56Vdc	136L x 68W x 30H
	EM1180	135~180W	12~56Vdc	151.3L x 75.8W x 25.4H
	EM1251	200~250W	12~56Vdc	170L x 84W x 30H
	EM1331	220~300W	12~56Vdc	170L x 84W x 30H
	EM1420	330~420W	12~56Vdc	200L x 100W x 36H
	EM1450	450~550W	19~56Vdc	260L x 95W x 43H

Desktop | 16~550W



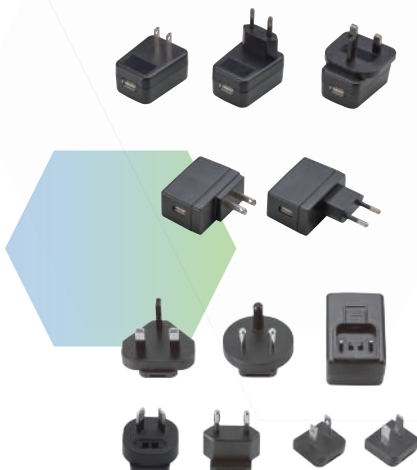
- 2 x MOPP & IEC/EN 60601-1 Compliance
- EMC 60601-1-2 Compliance
- Universal Input 100-240VAC
- Multiple Output Protections
- GaN Solutions Available

Open Frame | 30~500W












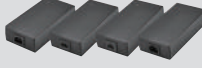
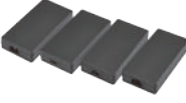


- 2 x MOPP & IEC/EN 60601-1 Compliance
- EMC 60601-1-2 Compliance
- Universal Input 100-240VAC
- Multiple Output Protections
- Compact Size
- Customized Solutions Available

Wall-Mounted | 4.5~65W





- 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

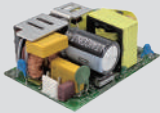
AC/DC Medical Desktop | 16~550W | Class I & Class II


	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
	EM1122	100~120W	12~56Vdc	136L x 68W x 30H
	EM1170	130~180W	12~56Vdc	179L x 64.2W x 40H
	EM1180	135~180W	12~56Vdc	151.3L x 75.8W x 25.4H
	EM1250	160~250W	12~56Vdc	182L x 84.5W x 46H
	EM1251	200~250W	12~56Vdc	170L x 84W x 30H
	EM1300	230~310W	12~56Vdc	197.7L x 102W x 52H
	EM1331	220~300W	12~56Vdc	170L x 84W x 30H
	EM1420	330~420W	12~56Vdc	200L x 100W x 36H
	EM1450	450~550W	19~56Vdc	260L x 95W x 43H



Medical Open Frame | 30~500W

	Series	Numbers Of Outputs	Output Power	Output Voltage	Size (mm)
	EPM104A	Single	30~48W	12~56Vdc	2.5" x 1.5"




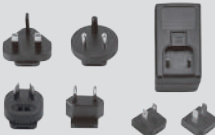


	EPM106A	Single	45~65W	12~56Vdc	3" x 2"
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	Series	Numbers Of Outputs	Output Power			Output Voltage	Size (mm)
			Convection	Peak(10s)	Forced air		
	EPM1122	Single	100~120W	130~150W	130~150W (10CFM)	12~48Vdc	3" x 2"


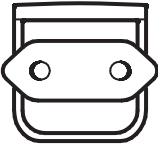


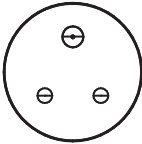
	EPM1153	Single	130~150W	-	170~200W (10CFM)	12~48Vdc	4" x 2"
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	EPM1350	Single	300~350W	-	400~500W (25CFM)	12~48Vdc	5" x 3"
		Dual	300~500W	-	300~500W	12,15,18,24, 27,36,48V 5V	






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
<div>GaN</div> 	EM1067S	48~65W	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

E nthusiasm
D edication
A dvancement
C onsistency



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