



Power Supply Solutions Medical Grade

Powering Medical Devices with
Certified Precision and Compliance



Medical Grade Power Supply Solutions from Cicor

Safety and reliability are critical in medical technology. Our solutions power devices such as defibrillators, ventilators, dental equipment, aesthetic laser devices and home healthcare diagnostics. All Cicor products for the Medical and Home Healthcare Markets can be modified and tailored to your requirements.

Our Medical grade products are certified to the latest medical IEC 60601-1 edition safety standards for 2 x MOPP applications and to the latest edition medical EMC requirements.



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Series Overview



CYJM Series (Encapsulated)

Cicor's CYJM series of encapsulated on-board power modules are available from 15W to 150W and include medical safety approval (2 x MOPP) and are suitable for Body Floating (BF) applications. The entire range holds safety approval to meet UL/IEC/EN 60601-1 standard and applications include diagnostic, analytical & medical monitoring equipment, home health devices and patient care equipment.

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CGAN-MPD Series (GaN Power Delivery Charger)

Cicor's CGAN-MPD series of Gallium Nitrate (GaN) external medical PD Chargers (USB Type-C) are available in either 45W or 65W output options and are supplied with selectable AC plug configurations. Designed with Power Delivery (PD) function and a USB-C connector, this product meets 2 x MOPP & IEC/EN60601-1 compliance making it an ideal solution for medical ITE equipment applications including patient monitors, medical display systems, personal therapy machines and treatment devices.

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CSM Series (Wall Mount Adapter)

Cicor's CSM series of external medical wall mount adapters are available from 5W to 30W with a variety of input plug type configurations, either fixed for required regions (UK, EU, USA, etc) or available with interchangeable AC plugs for worldwide use. All of our medical plug top style power supplies meet stringent safety standards including 2 x MOPP compliance, CB IEC 60601-1, CE EMC (EN 60601-1-2) and FCC Part 15B. We can offer modification to the DC output connector as required. Applications for our medical adapters include portable medical devices, rehabilitation & physiotherapy equipment (case study), sleep apnoea machines and medical displays/monitors.

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CSM-D Series (Desktop Adapter)

Cicor's CSM-D series of external medical desktop adapters are available from 24W to 450W with C8 & C14 IEC input options and DC output connector options available on request. All of our medical desktop power supplies are designed with component isolation technology ensuring low leakage current and high-level protection which is essential for medical and healthcare application and ANSI/AAMI, TUV/EN & CB/IEC 60601-1 safety standard. Applications for our medical adapters include dental devices, medical battery systems, hospital beds/massagers and scientific/analytical instruments.

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CGAN-M Series (GaN Desktop Adapter)

Cicor's CGAN-MPD series of Gallium Nitrate (GaN) medical power supplies are available from 135W to 450W and offer several advanced features that enhance performance in healthcare applications. These include higher efficiency, reduced heat generation and smaller designs that are easier to integrate into medical devices. The improved efficiency result in lower energy consumption which is particularly useful for battery-operated equipment, whilst the robust thermal performance and a compact footprint makes our CGAN-MPD series ideal for demanding medical environments and critical applications including imaging equipment, patient monitoring, defibrillators and connected health devices.

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FSP Protek are a manufacturing partner of Cicor and a renowned manufacturer of high-performance power solutions, specialising in reliable, efficient, and innovative PSUs. Known for their commitment to quality and technological advancement, FSP Protek provide solutions that meet rigorous international standards and can be customised to support demanding applications.

Cicor is proud to partner with FSP Protek, offering their advanced products to our customers as part of our mission to deliver the best tailored power solutions. By distributing FSP Protek products, Cicor ensures that our clients have access to reliable, cutting-edge power solutions designed to elevate their products' performance and meet the high expectations of today's market.



PMP Series Desktop Adapter

The PMP series are range of AC/DC medial desktop power supplies from 60W – 400W watts of continuous output power. They are enclosed in a 94V-0 rated polycarbonate case with an IEC320/C14, C6 or C8 inlet to mate with interchangeable cord for world-wide use. All models meet EN55011 and FCC class B emission limits, and are designed for medical applications.

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PM Series

The PM series are a range of AC/DC compact medical open frame power supplies with additional enclosure covers, U-brackets and fan assemblies available. All models meet the safety requirements of UL, CSA and IEC 60601-1 for medical equipment.

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CYJM Series (Encapsulated)

Cicor's CYJM series of encapsulated on-board power modules are available from 15W to 150W and include medical safety approval (2 x MOPP) and are suitable for Body Floating (BF) applications. The entire range holds safety approval to meet UL/IEC/EN 60601-1 standard and applications include diagnostic, analytical & medical monitoring equipment, home health devices and patient care equipment.



Board Mount

These encapsulated AC/DC board mount medical power supplies are ready to be soldered directly on your PCB.

Terminal Connection

These encapsulated AC/DC medical power supplies offer an easy to install screw terminal connection.

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
15W	Board Mount			
	CYJM15-5	90 – 264VAC	5V	52.5 x 27.5 x 23.5
	CYJM15-9	90 – 264VAC	9V	52.5 x 27.5 x 23.5
	CYJM15-12	90 – 264VAC	12V	52.5 x 27.5 x 23.5
	CYJM15-15	90 – 264VAC	15V	52.5 x 27.5 x 23.5
	CYJM15-24	90 – 264VAC	24V	52.5 x 27.5 x 23.5
	Terminal Connection			
	CYJM15-5C	90 – 264VAC	5V	96 x 53.9 x 29
	CYJM15-9C	90 – 264VAC	9V	96 x 53.9 x 29
	CYJM15-12C	90 – 264VAC	12V	96 x 53.9 x 29
	CYJM15-15C	90 – 264VAC	15V	96 x 53.9 x 29
	CYJM15-24C	90 – 264VAC	24V	96 x 53.9 x 29
20W	Board Mount			
	CYJM20-12	90 – 264VAC	12V	52.5 x 27.5 x 23.5
	CYJM20-24	90 – 264VAC	24V	52.5 x 27.5 x 23.5
	Terminal Connection			
	CYJM20-12C	90 – 264VAC	12V	96 x 53.9 x 29
	CYJM20-24C	90 – 264VAC	24V	96 x 53.9 x 29

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
30W	Board Mount			
	CYJM30-5	90 – 264VAC	5V	64.1 x 45.6 x 23.5
	CYJM30-12	90 – 264VAC	12V	64.1 x 45.6 x 23.5
	CYJM30-15	90 – 264VAC	15V	64.1 x 45.6 x 23.5
	CYJM30-24	90 – 264VAC	24V	64.1 x 45.6 x 23.5
	Terminal Connection			
	CYJM30-5C	90 – 264VAC	5V	96 x 53.9 x 29
	CYJM30-12C	90 – 264VAC	12V	96 x 53.9 x 29
	CYJM30-15C	90 – 264VAC	15V	96 x 53.9 x 29
	CYJM30-24C	90 – 264VAC	24V	96 x 53.9 x 29
60W	Board Mount			
	CYJM60-5	90 – 264VAC	5V	89 x 63.5 x 27.6
	CYJM60-9	90 – 264VAC	9V	89 x 63.5 x 27.6
	CYJM60-12	90 – 264VAC	12V	89 x 63.5 x 27.6
	CYJM60-15	90 – 264VAC	15V	89 x 63.5 x 27.6
	CYJM60-24	90 – 264VAC	24V	89 x 63.5 x 27.6
	Terminal Connection			
	CYJM60-5C	90 – 264VAC	5V	111.9 x 64.7 x 33.1
	CYJM60-9C	90 – 264VAC	9V	111.9 x 64.7 x 33.1
	CYJM60-12C	90 – 264VAC	12V	111.9 x 64.7 x 33.1
	CYJM60-15C	90 – 264VAC	15V	111.9 x 64.7 x 33.1
	CYJM60-24C	90 – 264VAC	24V	111.9 x 64.7 x 33.1

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
100W	Board Mount			
	CYJM100-12	90 – 264VAC	12V	109 x 58.5 x 35
	CYJM100-24	90 – 264VAC	24V	109 x 58.5 x 35
	CYJM100-48	90 – 264VAC	48V	109 x 58.5 x 35
150W	Board Mount			
	CYJM150-12	90 – 264VAC	12V	109 x 58.5 x 35
	CYJM150-24	90 – 264VAC	24V	109 x 58.5 x 35
	CYJM150-48	90 – 264VAC	48V	109 x 58.5 x 35

CGAN-MPD Series

(GaN Power Delivery Charger)

Cicor’s CGAN-MPD series of Gallium Nitrate (GaN) external medical PD Chargers (USB Type-C) are available in either 45W or 65W output options and are supplied with selectable AC plug configurations. Designed with Power Delivery (PD) function and a USB-C connector, this product meets 2 x MOPP & IEC/EN60601-1 compliance making it an ideal solution for medical ITE equipment applications including patient monitors, medical display systems, personal therapy machines and treatment devices.



Model Number	Input Voltage	Output Voltage	Output Power	Dimensions (mm)
CGAN-MPD45	90-264VAC	PD 3.0 – 5/9/12/15/20VDC	45W	58 x 53.2 x 31.5
CGAN-MPD65	90-264VAC	PD 3.0 – 5/9/12/15/20VDC	65W	58 x 53.2 x 31.5

CSM Series (Wall Mount Adapter)

Cicor's CSM series of external medical wall mount adapters are available from 5W to 30W with a variety of input plug type configurations, either fixed for required regions (UK, EU, USA, etc) or available with interchangeable AC plugs for worldwide use. All of our medical plug top style power supplies meet stringent safety standards including 2 x MOPP compliance, CB IEC 60601-1, CE EMC (EN 60601-1-2) and FCC Part 15B. We can offer modification to the DC output connector as required. Applications for our medical adapters include portable medical devices, rehabilitation & physiotherapy equipment (case study), sleep apnoea machines and medical displays/monitors.



Interchangeable: This plug-in wall mount medical adapter is equipped with interchangeable AC plugs for worldwide use (UK, EU, USA, AUS).

UK: This plug-in wall mount medical adapter is equipped with a fixed UK AC plug.

EU: This plug-in wall mount medical adapter is equipped with a fixed EU AC plug.

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
5W	Interchangeable			
	CSM05-I-5	90-264VAC	5V	57 x 39 x 34
	CSM05-I-9	90-264VAC	9V	57 x 39 x 34
	CSM05-I-12	90-264VAC	12V	57 x 39 x 34
	UK			
	CSM05-UK-5	90-264VAC	5V	54 x 50 x 36
	CSM05-UK-9	90-264VAC	9V	54 x 50 x 36
	CSM05-UK-12	90-264VAC	12V	54 x 50 x 36
	EU			
	CSM05-EU-5	90-264VAC	5V	53 x 41 x 46
	CSM05-EU-9	90-264VAC	9V	53 x 41 x 46
	CSM05-EU-12	90-264VAC	12V	53 x 41 x 46

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
15W	Interchangeable			
	CSM15-I-5	90-264VAC	5V	62.5 x 41 x 34
	CSM15-I-9	90-264VAC	9V	62.5 x 41 x 34
	CSM15-I-12	90-264VAC	12V	62.5 x 41 x 34
	CSM15-I-24	90-264VAC	24V	62.5 x 41 x 34
	UK			
	CSM15-UK-5	90-264VAC	5V	60.5 x 39 x 45
	CSM15-UK-9	90-264VAC	9V	60.5 x 39 x 45
	CSM15-UK-12	90-264VAC	12V	60.5 x 39 x 45
	CSM15-UK-24	90-264VAC	24V	60.5 x 39 x 45
	EU			
	CSM15-EU-5	90-264VAC	5V	60.5 x 39 x 45
	CSM15-EU-9	90-264VAC	9V	60.5 x 39 x 45
	CSM15-EU-12	90-264VAC	12V	60.5 x 39 x 45
	CSM15-EU-24	90-264VAC	24V	60.5 x 39 x 45
30W	Interchangeable			
	CSM24-I-5 (24W)	90-264VAC	5V	73.6 x 42.9 x 32.5
	CSM30-I-9	90-264VAC	9V	73.6 x 42.9 x 32.5
	CSM30-I-12	90-264VAC	12V	73.6 x 42.9 x 32.5
	CSM30-I-24	90-264VAC	24V	73.6 x 42.9 x 32.5
	UK			
	CSM24-UK-5 (24W)	90-264VAC	5V	76 x 43 x 30
	CSM30-UK-9	90-264VAC	9V	76 x 43 x 30
	CSM30-UK-12	90-264VAC	12V	76 x 43 x 30
	CSM30-UK-24	90-264VAC	24V	76 x 43 x 30
	EU			
	CSM24-EU-5 (24W)	90-264VAC	5V	76 x 43 x 30
	CSM30-EU-9	90-264VAC	9V	76 x 43 x 30
	CSM30-EU-12	90-264VAC	12V	76 x 43 x 30
	CSM30-EU-24	90-264VAC	24V	76 x 43 x 30

CSM-D Series (Desktop Adapter)

Cicor's CSM-D series of external medical desktop adapters are available from 24W to 450W with C8 & C14 IEC input options and DC output connector options available on request. All of our medical desktop power supplies are designed with component isolation technology ensuring low leakage current and high-level protection which is essential for medical and healthcare application and ANSI/AAMI, TUV/EN & CB/IEC 60601-1 safety standard. Applications for our medical adapters include dental devices, medical battery systems, hospital beds/massagers and scientific/analytical instruments.



C14 version: This medical desktop AC/DC external adapter is equipped with a 3 pin IEC320-C14 Class I input.

C8 version: This medical desktop AC/DC external adapter is equipped with a 2 pin IEC320-C8 Class II inlet.

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
12W	C14			
	CSM12-D-5	90-264VAC	5V	98 x 45.5 x 31.2
	CSM12-D-9	90-264VAC	9V	98 x 45.5 x 31.2
	CSM12-D-12	90-264VAC	12V	98 x 45.5 x 31.2
	CSM12-D-15	90-264VAC	15V	98 x 45.5 x 31.2
	CSM12-D-24	90-264VAC	24V	98 x 45.5 x 31.2
24W	C14			
	CSM24-D-5	90-264VAC	5V	98 x 45.5 x 31.2
	CSM24-D-9	90-264VAC	9V	98 x 45.5 x 31.2
	CSM24-D-12	90-264VAC	12V	98 x 45.5 x 31.2
	CSM24-D-15	90-264VAC	15V	98 x 45.5 x 31.2
	CSM24-D-24	90-264VAC	24V	98 x 45.5 x 31.2

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
48W	C8			
	CSM48-D-5B	90-264VAC	5V	113 x 49 x 35
	CSM48-D-9B	90-264VAC	9V	113 x 49 x 35
	CSM48-D-12B	90-264VAC	12V	113 x 49 x 35
	CSM48-D-15B	90-264VAC	15V	113 x 49 x 35
	CSM48-D-24B	90-264VAC	24V	113 x 49 x 35
	CSM48-D-48B	90-264VAC	48V	113 x 49 x 35
	C14			
	CSM48-D-5A	90-264VAC	5V	113 x 49 x 35
	CSM48-D-9A	90-264VAC	9V	113 x 49 x 35
	CSM48-D-12A	90-264VAC	12V	113 x 49 x 35
	CSM48-D-15A	90-264VAC	15V	113 x 49 x 35
	CSM48-D-24A	90-264VAC	24V	113 x 49 x 35
	CSM48-D-48A	90-264VAC	48V	113 x 49 x 35
65W	C8			
	CSM65-D-12B	90-264VAC	12V	113 x 49 x 35
	CSM65-D-15B	90-264VAC	15V	113 x 49 x 35
	CSM65-D-24B	90-264VAC	24V	113 x 49 x 35
	CSM65-D-48B	90-264VAC	48V	113 x 49 x 35
	C14			
	CSM65-D-12A	90-264VAC	12V	113 x 49 x 35
	CSM65-D-15A	90-264VAC	15V	113 x 49 x 35
	CSM65-D-24A	90-264VAC	24V	113 x 49 x 35
	CSM65-D-48A	90-264VAC	48V	113 x 49 x 35

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
90W	C8			
	CSM90-D-12B	90-264VAC	12V	132.8 x 58.8 x 33.4
	CSM90-D-15B	90-264VAC	15V	132.8 x 58.8 x 33.4
	CSM90-D-24B	90-264VAC	24V	132.8 x 58.8 x 33.4
	CSM90-D-48B	90-264VAC	48V	132.8 x 58.8 x 33.4
	C14			
	CSM90-D-12A	90-264VAC	12V	36.5 x 58.8 x 34
	CSM90-D-15A	90-264VAC	15V	36.5 x 58.8 x 34
	CSM90-D-24A	90-264VAC	24V	36.5 x 58.8 x 34
	CSM90-D-48A	90-264VAC	48V	36.5 x 58.8 x 34
120W	C8			
	CSM120-D-12B	90-264VAC	12V	137 x 59 x 34
	CSM120-D-15B	90-264VAC	15V	137 x 59 x 34
	CSM120-D-24B	90-264VAC	24V	137 x 59 x 34
	CSM120-D-48B	90-264VAC	48V	137 x 59 x 34
	C14			
	CSM120-D-12A	90-264VAC	12V	137 x 59 x 34
	CSM120-D-15A	90-264VAC	15V	137 x 59 x 34
	CSM120-D-24A	90-264VAC	24V	137 x 59 x 34
	CSM120-D-48A	90-264VAC	48V	137 x 59 x 34
200W	C8			
	CSM200-D-12B	90-264VAC	12V	170 x 84 x 30
	CSM200-D-15B	90-264VAC	15V	170 x 84 x 30
	CSM200-D-24B	90-264VAC	24V	170 x 84 x 30
	CSM200-D-48B	90-264VAC	48V	170 x 84 x 30
	C14			
	CSM200-D-12A	90-264VAC	12V	170 x 84 x 30
	CSM200-D-15A	90-264VAC	15V	170 x 84 x 30
	CSM200-D-24A	90-264VAC	24V	170 x 84 x 30
	CSM200-D-48A	90-264VAC	48V	170 x 84 x 30

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
250W	C8			
	CSM250-D-12B	90-264VAC	12V	197.7 x 102 x 52
	CSM250-D-15B	90-264VAC	15V	197.7 x 102 x 52
	CSM250-D-24B	90-264VAC	24V	197.7 x 102 x 52
	CSM250-D-48B	90-264VAC	48V	197.7 x 102 x 52
	C14			
	CSM250-D-12A	90-264VAC	12V	197.7 x 102 x 52
	CSM250-D-15A	90-264VAC	15V	197.7 x 102 x 52
	CSM250-D-24A	90-264VAC	24V	197.7 x 102 x 52
	CSM250-D-48A	90-264VAC	48V	197.7 x 102 x 52
300W	C8			
	CSM300-D-24B	90-264VAC	24V	197.7 x 102 x 52
	CSM300-D-48B	90-264VAC	48V	197.7 x 102 x 52
	C14			
	CSM300-D-24A	90-264VAC	24V	197.7 x 102 x 52
	CSM300-D-48A	90-264VAC	48V	197.7 x 102 x 52

CGAN-M Series

(GaN Desktop Adapter)

Cicor's CGAN-MPD series of Gallium Nitrate (GaN) medical power supplies are available from 135W to 450W and offer several advanced features that enhance performance in healthcare applications. These include higher efficiency, reduced heat generation and smaller designs that are easier to integrate into medical devices.

The improved efficiency result in lower energy consumption, whilst the robust thermal performance and a compact footprint makes our CGAN-MPD series ideal for demanding medical environments and critical applications including imaging equipment, patient monitoring, defibrillators and connected health devices.



Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
135W	CGAN-M135-12	90-264VAC	12V	151 x 75.8 x 25.4
	CGAN-M135-24	90-264VAC	24V	151 x 75.8 x 25.4
	CGAN-M135-48	90-264VAC	48V	151 x 75.8 x 25.4
170W	CGAN-M170-12	90-264VAC	12V	151 x 75.8 x 25.4
	CGAN-M170-24	90-264VAC	24V	151 x 75.8 x 25.4
	CGAN-M170-48	90-264VAC	48V	151 x 75.8 x 25.4
200W	CGAN-M200-12	90-264VAC	12V	170 x 84 x 30
	CGAN-M200-24	90-264VAC	24V	170 x 84 x 30
	CGAN-M200-48	90-264VAC	48V	170 x 84 x 30
250W	CGAN-M250-24	90-264VAC	24V	170 x 84 x 30
	CGAN-M250-48	90-264VAC	48V	170 x 84 x 30
450W	CGAN-M450-24	90-264VAC	24V	260 x 95 x 43
	CGAN-M450-48	90-264VAC	48V	260 x 95 x 43

PMP Series Desktop Adapter



FSP Protek who are a manufacturing partner of Cicor, offer the PMP series. A range of AC/DC medical desktop power supplies from 60W – 400W watts of continuous output power. They are enclosed in a 94V-0 rated polycarbonate case with an IEC320/C14, C6 or C8 inlet to mate with interchangeable cord for world-wide use. All models meet EN55011 and FCC class B emission limits, and are designed for medical applications.



C14 version: This medical desktop AC/DC external adapter is equipped with a 3 pin IEC320-C14 Class I input.

C8 version: This medical desktop AC/DC external adapter is equipped with a 2 pin IEC320-C8 Class II inlet.

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
60W	C14			
	PMP60-12	90-264VAC	12V	147 x 75 x 46
	PMP60-13	90-264VAC	15V	147 x 75 x 46
	PMP60-13-1	90-264VAC	18V	147 x 75 x 46
	PMP60-14	90-264VAC	24V	147 x 75 x 46
	PMP60-16	90-264VAC	30V	147 x 75 x 46
	PMP60-17	90-264VAC	36V	147 x 75 x 46
	PMP60-18	90-264VAC	48V	147 x 75 x 46
	PMP60-23	90-264VAC	+5/12V	147 x 75 x 46
	PMP60-30	90-264VAC	+3.3/5/12V	147 x 75 x 46
	PMP60-31	90-264VAC	+5/12V/-12V	147 x 75 x 46
	PMP60-32	90-264VAC	+5/15/-15V	147 x 75 x 46
	PMP60-36	90-264VAC	+5/12/24V	147 x 75 x 46

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
60W	C14			
	PMP60-12	90-264VAC	12V	147 x 75 x 46
	PMP60-13	90-264VAC	15V	147 x 75 x 46
	PMP60-13-1	90-264VAC	18V	147 x 75 x 46
	PMP60-14	90-264VAC	24V	147 x 75 x 46
	PMP60-16	90-264VAC	30V	147 x 75 x 46
	PMP60-17	90-264VAC	36V	147 x 75 x 46
	PMP60-18	90-264VAC	48V	147 x 75 x 46
	PMP60-23	90-264VAC	+5/12V	147 x 75 x 46
	PMP60-30	90-264VAC	+3.3/5/12V	147 x 75 x 46
	PMP60-31	90-264VAC	+5/12V/-12V	147 x 75 x 46
	PMP60-32	90-264VAC	+5/15/-15V	147 x 75 x 46
	PMP60-36	90-264VAC	+5/12/24V	147 x 75 x 46
65W	C8			
	PMP65S-12	90-264VAC	12V	129 x 51 x 30.9
	PMP65S-13	90-264VAC	15V	129 x 51 x 30.9
	PMP65S-13-1	90-264VAC	18V	129 x 51 x 30.9
	PMP65S-13-2	90-264VAC	19V	129 x 51 x 30.9
	PMP65S-13-3	90-264VAC	20V	129 x 51 x 30.9
	PMP65S-14	90-264VAC	24V	129 x 51 x 30.9
90W	C14			
	PMP92-12	90-264VAC	12V	145 x 71 x 28.5
	PMP92S*-12	90-264VAC	12V	140 x 71 x 22
	PMP92-13	90-264VAC	15V	145 x 71 x 28.5
	PMP92S*-13	90-264VAC	18V	140 x 71 x 22
	PMP92-13-2	90-264VAC	19V	145 x 71 x 28.5
	PMP92S*-13-2	90-264VAC	19V	140 x 71 x 22
	PMP92-14	90-264VAC	24V	145 x 71 x 28.5
	PMP92S*-14	90-264VAC	24V	140 x 71 x 22
96W	C8/C14			
	PMP122*-12	90-264VAC	12V	175.2 x 90.2 x 28.2

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
105W	C14			
	PMP122*-13	90-264VAC	15V	175.2 x 90.2 x 28.2
120W	C8/C14			
	PMP122*-13-1	90-264VAC	18V	175.2 x 90.2 x 28.2
	PMP122*-13-2	90-264VAC	19V	175.2 x 90.2 x 28.2
	PMP122*-13-3	90-264VAC	20V	175.2 x 90.2 x 28.2
	PMP122*-14	90-264VAC	24V	175.2 x 90.2 x 28.2
	PMP122*-16	90-264VAC	30V	175.2 x 90.2 x 28.2
	PMP122*-17	90-264VAC	36V	175.2 x 90.2 x 28.2
	PMP122*-18	90-264VAC	48V	175.2 x 90.2 x 28.2
	PMP135*-12	90-264VAC	12V	171 x 72 x 42
	PMP135*-12-1	90-264VAC	13V	171 x 72 x 42
130W	C8/C14			
	PMP150N1*-12	90-264VAC	12V	175.2 x 90.2 x 28.2
	PMP135*-13	90-264VAC	15V	171 x 72 x 42
135W	C8/C14			
	PMP150N1*-13	90-264VAC	15V	175.2 x 90.2 x 28.2
	PMP135*-13-1	90-264VAC	18V	171 x 72 x 42
	PMP135*-13-3	90-264VAC	20V	171 x 72 x 42
	PMP135*-14	90-264VAC	24V	171 x 72 x 42
	PMP135*-15	90-264VAC	28V	171 x 72 x 42
	PMP135*-16	90-264VAC	30V	171 x 72 x 42
	PMP135*-17	90-264VAC	36V	171 x 72 x 42
	PMP135*-18	90-264VAC	48V	171 x 72 x 42

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
150W	C14			
	PMP150A-12	90-264VAC	12V	170 x 85 x 42.5
	PMP150A-13	90-264VAC	15V	170 x 85 x 42.5
	PMP150A-13-2	90-264VAC	19V	170 x 85 x 42.5
	PMP150A-14	90-264VAC	24V	170 x 85 x 42.5
	C8/C14			
	PMP150N1*-13-1	90-264VAC	18V	175.2 x 90.2 x 28.2
	PMP150N1*-13-2	90-264VAC	19V	175.2 x 90.2 x 28.2
	PMP150N1-13-3	90-264VAC	20V	175.2 x 90.2 x 28.2
	PMP150N1*-14	90-264VAC	24V	175.2 x 90.2 x 28.2
	PMP150N1*-15	90-264VAC	27V	175.2 x 90.2 x 28.2
	PMP150N1*-16	90-264VAC	30V	175.2 x 90.2 x 28.2
	PMP150N1*-17	90-264VAC	36V	175.2 x 90.2 x 28.2
	PMP150N1*-18	90-264VAC	48V	175.2 x 90.2 x 28.2
220W	C8/C14			
	PMP250*-12	90-264VAC	12V	204 x 87.6 x 41.5
	PMP250*-13	90-264VAC	15V	204 x 87.6 x 41.5
250W	C8/C14			
	PMP250*-13-1	90-264VAC	18V	204 x 87.6 x 41.5
	PMP250*-13-2	90-264VAC	19V	204 x 87.6 x 41.5
	PMP250*-13-3	90-264VAC	20V	204 x 87.6 x 41.5
	PMP250*-14	90-264VAC	24V	204 x 87.6 x 41.5
	PMP250*-15	90-264VAC	27V	204 x 87.6 x 41.5
	PMP250*-16	90-264VAC	30V	204 x 87.6 x 41.5
	PMP250*-16-1	90-264VAC	32V	204 x 87.6 x 41.5
	PMP250*-17	90-264VAC	36V	204 x 87.6 x 41.5
	PMP250*-18	90-264VAC	48V	204 x 87.6 x 41.5
	PMP250*-19	90-264VAC	54V	204 x 87.6 x 41.5
400W	C14			
	PMP400-13-1-S	90-264VAC	18V	250 x 120 x 49.3
	PMP400-14-S	90-264VAC	24V	250 x 120 x 49.3
	PMP400-15-S	90-264VAC	28V	250 x 120 x 49.3
	PMP400-17-S	90-264VAC	36V	250 x 120 x 49.3
	PMP400-18-S	90-264VAC	48V	250 x 120 x 49.3

PM Series



FSP Protek, who are a manufacturing partner of Cicor, offer the PM series. A range of AC/DC compact medical open frame power supplies with additional enclosure covers, U-brackets and fan assemblies available. All models meet the safety requirements of UL, CSA and IEC 60601-1 for medical equipment.



Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
30W	PM42-31-3A	90-264VAC	+3.3/5/12V	101.6 x 50.8 x 30
	PM42-31-5A	90-264VAC	+5/3.3/12V	101.6 x 50.8 x 30
40W	PM42-10A	90-264VAC	5V	101.6 x 50.8 x 30
	PM42-23A	90-264VAC	+5/12V	101.6 x 50.8 x 30
	PM42-25A	90-264VAC	+5/24V	101.6 x 50.8 x 30
	PM42-31A	90-264VAC	+5/12/-12V	101.6 x 50.8 x 30
	PM42-32A	90-264VAC	+5/15/-15V	101.6 x 50.8 x 30
	PM42-39A	90-264VAC	+5/24/-12V	101.6 x 50.8 x 30
42W	PM42-12A	90-264VAC	12V	101.6 x 50.8 x 30
45W	PM42-13A	90-264VAC	15V	101.6 x 50.8 x 30
47.5W	PM60-31-5A	90-264VAC	+5/3.3/12V	101.6 x 50.8 x 30
48W	PM42-14A	90-264VAC	24V	101.6 x 50.8 x 30
	PM42-18A	90-264VAC	48V	101.6 x 50.8 x 30

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
55W	PM60-10A	90-264VAC	5V	101.6 x 50.8 x 30
	PM60-18A	90-264VAC	48V	101.6 x 50.8 x 30
	PM60-23A	90-264VAC	+5/12V	101.6 x 50.8 x 30
	PM60-25A	90-264VAC	+5/24V	101.6 x 50.8 x 30
	PM60-31A	90-264VAC	+5/12/-12V	101.6 x 50.8 x 30
	PM60-32A	90-264VAC	+5/15/-15V	101.6 x 50.8 x 30
	PM60-39A	90-264VAC	+5/24/-12V	101.6 x 50.8 x 30
	PM42-18A	90-264VAC	48V	101.6 x 50.8 x 30
60W	PM60-12A	90-264VAC	12V	101.6 x 50.8 x 30
64W	PM60-13A	90-264VAC	15V	101.6 x 50.8 x 30
	PM60-14A	90-264VAC	24V	101.6 x 50.8 x 30
72W	PM110-10-1A	90-264VAC	3.3V	177.8 x 108 x 47
100W	PM101-12A	90-264VAC	12V	101.6 x 50.8 x 32.8
	PM101-13A	90-264VAC	15V	101.6 x 50.8 x 32.8
	PM101-13-1A	90-264VAC	18V	101.6 x 50.8 x 32.8
	PM101-14A	90-264VAC	24V	101.6 x 50.8 x 32.8
	PM101-15A	90-264VAC	28V	101.6 x 50.8 x 32.8
	PM101-16-1A	90-264VAC	32V	101.6 x 50.8 x 32.8
	PM101-17A	90-264VAC	36V	101.6 x 50.8 x 32.8
	PM101-18A	90-264VAC	48V	101.6 x 50.8 x 32.8

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
110W	PM110-10A	90-264VAC	5V	177.8 x 108 x 47
	PM110-12A	90-264VAC	12V	177.8 x 108 x 47
	PM110-13A	90-264VAC	15V	177.8 x 108 x 47
	PM110-14A	90-264VAC	24V	177.8 x 108 x 47
	PM110-16A	90-264VAC	30V	177.8 x 108 x 47
	PM110-23A	90-264VAC	+5.1/12V	177.8 x 108 x 47
	PM110-31A	90-264VAC	+5.1/12/-12V	177.8 x 108 x 47
	PM110-32A	90-264VAC	+5.1/15/-15V	177.8 x 108 x 47
	PM110-40A	90-264VAC	+5.1/12/-12/-5V	177.8 x 108 x 47
	PM110-41A	90-264VAC	+5.1/15/24/-15V	177.8 x 108 x 47
	PM110-42A	90-264VAC	+5.1/12/-12V/+12V	177.8 x 108 x 47
	PM110-45A	90-264VAC	+5.1/12/24/-12V	177.8 x 108 x 47
	PM110-45-1A	90-264VAC	+5.1/12/24/-12V	177.8 x 108 x 47
	PM110-45-2A	90-264VAC	+5.1/24/12/-12V	177.8 x 108 x 47
	PM110-46A	90-264VAC	+5.1/15/-15/-5V	177.8 x 108 x 47
150W	PM150-12A	90-264VAC	12V	101.6 x 50.8 x 33
	PM150-13A	90-264VAC	15V	101.6 x 50.8 x 33
	PM150-13-1A	90-264VAC	18V	101.6 x 50.8 x 33
	PM150-14A	90-264VAC	24V	101.6 x 50.8 x 33
	PM150-16A	90-264VAC	30V	101.6 x 50.8 x 33
	PM150-17A	90-264VAC	36V	101.6 x 50.8 x 33
	PM150-18A	90-264VAC	48V	101.6 x 50.8 x 33
200W	PM202-12BN1	90-264VAC	12V	127 x 76 x 38
	PM202-13BN1	90-264VAC	15V	127 x 76 x 38
	PM202-13-1BN1	90-264VAC	18V	127 x 76 x 38
	PM202-14BN1	90-264VAC	24V	127 x 76 x 38
	PM202-15BN1	90-264VAC	28V	127 x 76 x 38
	PM202-16-1BN1	90-264VAC	32V	127 x 76 x 38
	PM202-17BN1	90-264VAC	36V	127 x 76 x 38
	PM202-18BN1	90-264VAC	48V	127 x 76 x 38

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
300W	PM301-12A	90-264VAC	12V	152.4 x 76.2 x 35.1
	PM301-13A	90-264VAC	15V	152.4 x 76.2 x 35.1
	PM301-13-2A	90-264VAC	19V	152.4 x 76.2 x 35.1
	PM301-14A	90-264VAC	24V	152.4 x 76.2 x 35.1
	PM301-16A	90-264VAC	30V	152.4 x 76.2 x 35.1
	PM301-17A	90-264VAC	36V	152.4 x 76.2 x 35.1
	PM301-18A	90-264VAC	48V	152.4 x 76.2 x 35.1
400W	PM400-12B	90-264VAC	12V	177.8 x 101.6 x 40.2
	PM400-13B	90-264VAC	15V	177.8 x 101.6 x 40.2
	PM400-13-1B	90-264VAC	18V	177.8 x 101.6 x 40.2
	PM400-14B	90-264VAC	24V	177.8 x 101.6 x 40.2
	PM400-15B	90-264VAC	28V	177.8 x 101.6 x 40.2
	PM400-17B	90-264VAC	36V	177.8 x 101.6 x 40.2
	PM400-18B	90-264VAC	48V	177.8 x 101.6 x 40.2
500W	Class I			
	PM500-12B (450W)	90-264VAC	12V	177.8 x 101.6 x 40.2
	PM500-13B (450W)	90-264VAC	15V	177.8 x 101.6 x 40.2
	PM500-13-1B	90-264VAC	18V	177.8 x 101.6 x 40.2
	PM500-14B	90-264VAC	24V	177.8 x 101.6 x 40.2
	PM500-15B	90-264VAC	28V	177.8 x 101.6 x 40.2
	PM500-17B	90-264VAC	36V	177.8 x 101.6 x 40.2
	PM500-18B	90-264VAC	48V	177.8 x 101.6 x 40.2
	PM500-19B	90-264VAC	57V	177.8 x 101.6 x 40.2
	Class II			
	PM500F-12A (450W)	90-264VAC	12V	180 x 101 x 39.5
	PM500F-13A (450W)	90-264VAC	15V	180 x 101 x 39.5
	PM500F-13-1A	90-264VAC	18V	180 x 101 x 39.5
	PM500F-14A	90-264VAC	24V	180 x 101 x 39.5
	PM500F-15A	90-264VAC	28V	180 x 101 x 39.5
	PM500F-16A	90-264VAC	30V	180 x 101 x 39.5
	PM500F-17A	90-264VAC	36V	180 x 101 x 39.5
	PM500F-18A	90-264VAC	48V	180 x 101 x 39.5
	PM500F-19A	90-264VAC	57V	180 x 101 x 39.5

Output Power	Model Number	Input Voltage	Output Voltage	Dimensions (mm)
600W	PM651-12B	90-264VAC	12V	203.2 x 101.6 x 65.5
	PM651-13B	90-264VAC	15V	203.2 x 101.6 x 65.5
650W	PM651-13-1B	90-264VAC	18V	203.2 x 101.6 x 65.5
	PM651-14B	90-264VAC	24V	203.2 x 101.6 x 65.5
	PM651-15B	90-264VAC	28V	203.2 x 101.6 x 65.5
	PM651-16B	90-264VAC	30V	203.2 x 101.6 x 65.5
	PM651-16-1B	90-264VAC	32V	203.2 x 101.6 x 65.5
	PM651-17-1B	90-264VAC	34V	203.2 x 101.6 x 65.5
	PM651-17B	90-264VAC	36V	203.2 x 101.6 x 65.5
	PM651-18B	90-264VAC	48V	203.2 x 101.6 x 65.5
	PM651-19B	90-264VAC	57V	203.2 x 101.6 x 65.5
	PM651-19-1B	90-264VAC	58V	203.2 x 101.6 x 65.5
1250W	PM1100-14C	90-264VAC	24V	235 x 150 x 61
	PM1100-15C	90-264VAC	28V	235 x 150 x 61
	PM1100-16C	90-264VAC	32V	235 x 150 x 61
	PM1100-17-1C	90-264VAC	34V	235 x 150 x 61
	PM1100-17C	90-264VAC	36V	235 x 150 x 61
	PM1100-18-1C	90-264VAC	42V	235 x 150 x 61
	PM1100-18C	90-264VAC	48V	235 x 150 x 61

Custom solutions

Cicor provides highly reliable, highly efficient, customised power supply solutions up to 1200W to meet our customers' toughest challenges. Our engineering experts guide you through the entire design and NPI process, from concept development to certification support. With a strong foundation in regulatory compliance and expertise in the medical, dental, instrumentation, security and renewable energy sectors, we tailor technologies to meet specific application requirements. Cicor's global manufacturing solutions complement our engineering capabilities, offering full assembly of finished designs and customised delivery programmes.





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