

DELTA Standard Medical Power Supply

January 2026
DEN STD PS Team



Features & Product Overview

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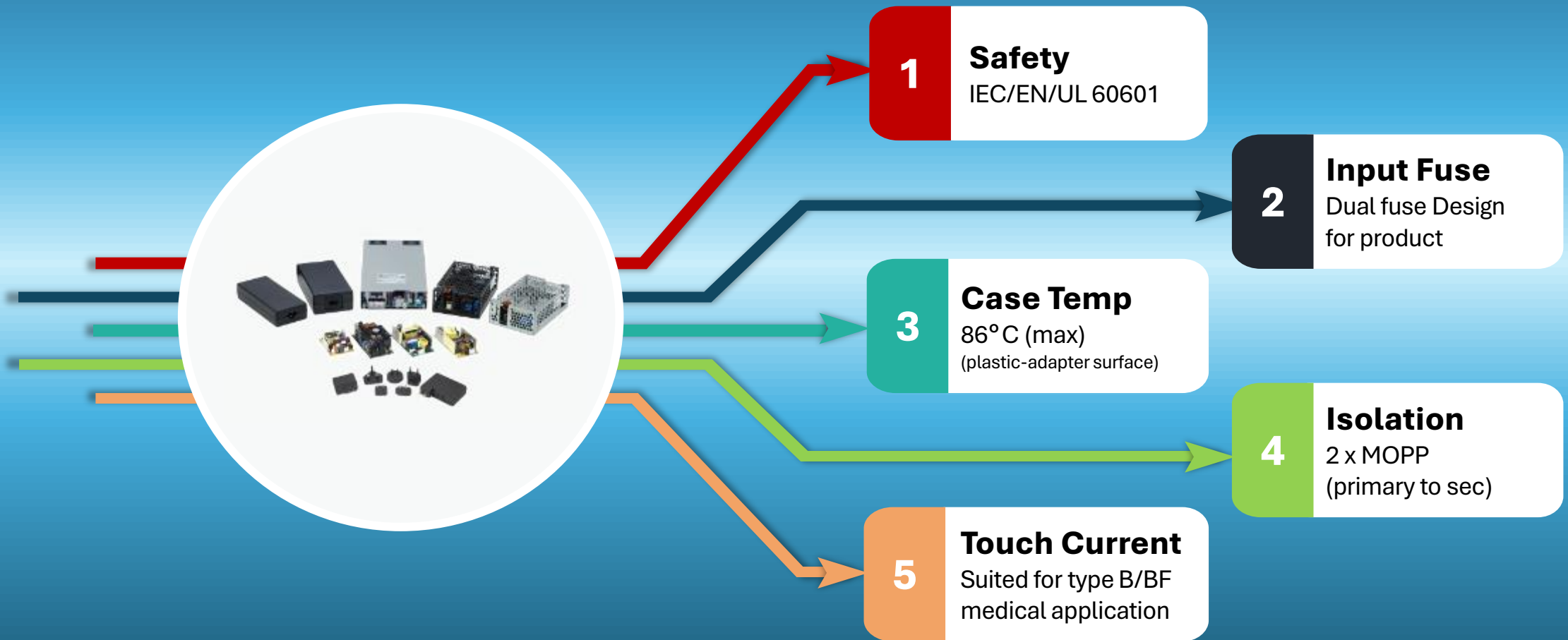
Configurable PSU

- Product Portfolio
- New Product
- Target Markets & Winning Factors

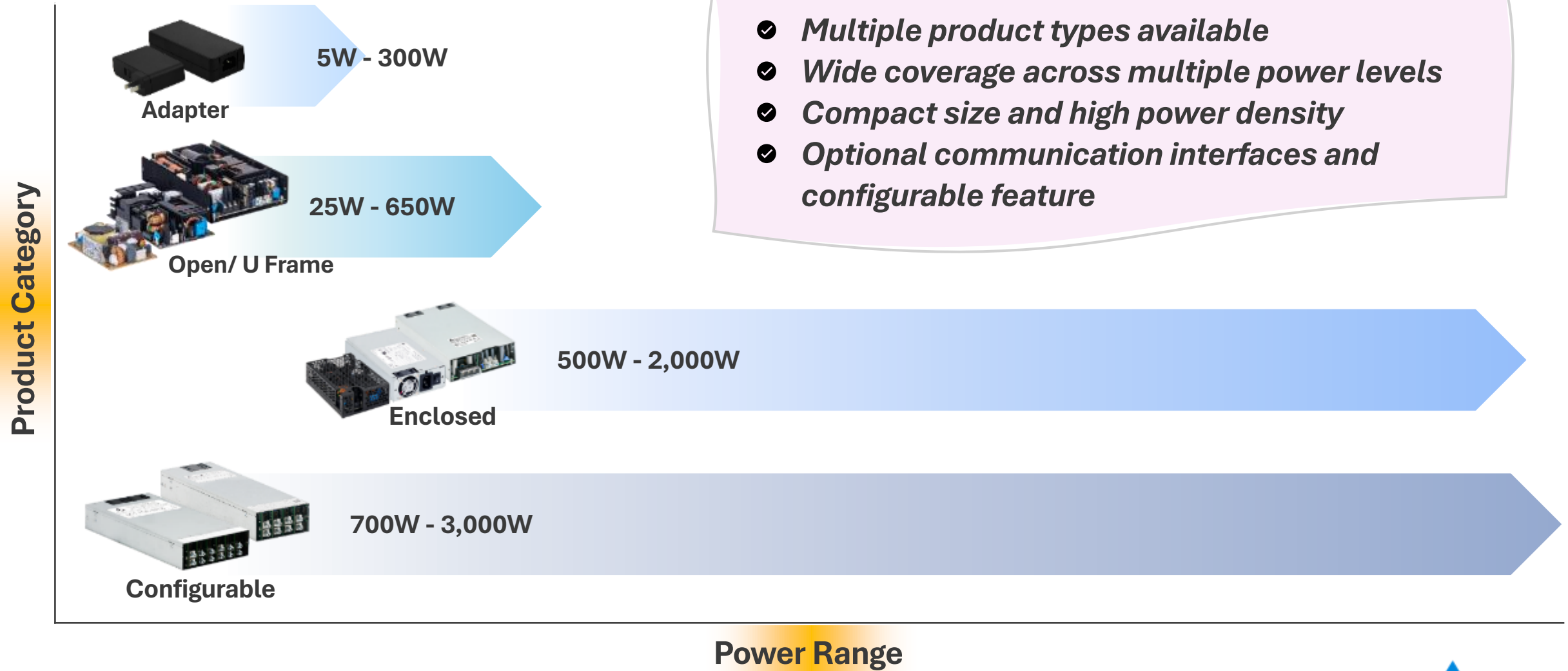
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Marketing & Support

Features



Product Overview



Adapter PSU

Product Portfolio

Adapter

★ Recommended

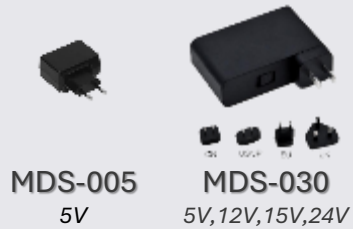
★ MEA

✓ High Power Density



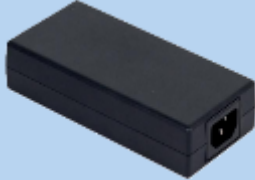

MDS

✓ Low Power
✓ Detachable AC plug*



Power (W)

Adapter PSU

Series	Power	Output	Features
MEA 	65W	Output Voltage: 12V,15V,19V,24V	NEW! C8 Socket (Class II) C14 Socket (Class I) <ul style="list-style-type: none"> Meet Efficiency Level VI & CoC Tier 2
	90W	Output Voltage: 12V,15V,19V,24V	<ul style="list-style-type: none"> Turning Fork Type,4 PIN Din Class I with C14 socket
	NEW! 160W	Output Voltage: 12V,15V,19V,24V	<ul style="list-style-type: none"> Low touch current (<0.1 mA Normal & single fault) Meet Efficiency Level VI & CoC Tier 2, Class I
	250W	Output Voltage: 24V	<ul style="list-style-type: none"> Suited for Type BF Medical Products 2 × MOPP isolation
	NEW! 300W	Output Voltage: 24V	<ul style="list-style-type: none"> Suitable for Industrial/ Medical Applications Wide operation temperature -10°C to 60°C
MDS 	30W	Output Voltage: 5V,12V,15V,24V	<ul style="list-style-type: none"> Detachable AC plug with multiple country option Meets Limited Power Source (LPS) requirements

Adapter New Product

- **MEA-065A (Class II)**
 - **MEA-160A**
 - **MEA-300A**



MEA – 065A

Key Specification and Feature

Open Frame Medical Power Supply

- MEA-065AXXC (Class I)
- MEA-065AXXB (Class II) **NEW!**

Key Features

- Extreme compact size
- Limited Power Source (LPS) certified
- Low no load consumption <0.15W
- Meet Efficiency Level VI & CoC Tier 2
- Wide operation temperature -10°C to 60°C

Safety Standard

IEC/EN/UL 60601-1, IEC/EN/UL 62368-1

Model Information

Model Number	Input Voltage Range	Rated Output Voltage	Rated Output Current
MEA-065A12□	90-264 Vac	12 Vdc	5.0 A
MEA-065A15□	90-264 Vac	15 Vdc	4.33 A
MEA-065A19□	90-264 Vac	19 Vdc	3.42 A
MEA-065A24□	90-264 Vac	24 Vdc	2.71 A



Target Application



CPAP







Medical Display



Intraoral-Scanner

MEA – 065A

Competitor Comparison

	Efficiency	Touch Current (Input – PE)	No Load Consumption (Standby Power)	Working Temperature	Dimension (mm)
Delta MEA-065A 	89% typ.	<0.1mA	<0.15W	-10°C to +60°C de-rating @40°C	120.0 x 50.0 x 32.0 
M Brand (60W) 	90% typ.	<0.05mA	<0.1W	-30°C to +70°C de-rating @50°C	125.0 x 50.0 x 31.5
F Brand (60W) 	91% typ.	<0.1mA	<0.21W	0°C to +40°C	129.1 x 58.6 x 31.5

* test condition : Convection cooling 230Vac, 50 °C

MEA – 160A

Key Specification and Feature

Open Frame Medical Power Supply

- MEA-160AXXC (Class I)

Key Features

- Extreme compact size
- Low no load consumption <0.15W
- Meet Efficiency Level VI & CoC Tier 2
- Low touch current <0.1 mA Normal & Single fault
- Wide operation temperature -20 to 60°C

Safety Standard

IEC/EN/UL 60601-1, IEC/EN/UL 62368-1

Model Information

Model Number	Input Voltage Range	Rated Output Voltage	Rated Output Current
MEA-160A12C GAA	85-264 Vac	12 Vdc	12.5 A
MEA-160A15C GAA		15 Vdc	10.67 A
MEA-160A19C GAA		19 Vdc	8.42 A
MEA-160A24C GAA		24 Vdc	6.67 A



Target Application



Professional Defibrillator







Blood Analyzers



Infusion Workstation

MEA – 160A

Competitor Comparison

	Efficiency	Touch Current (Input – PE)	No Load Consumption (Standby Power)	Working Temperature	Dimension (mm)
Delta MEA-160A 	92.5% typ.	<0.1mA	<0.15W	-20°C to +60°C de-rating @40°C	150.0 x 65.0 x 32.0 
M Brand (160W) 	93% typ.	<0.1mA	<0.15W	-30°C to +70°C de-rating @40°C	175.0 x 72.0 x 35.0
F Brand (150W) 	92% typ.	<0.1mA	<0.15W	-20°C to +60°C de-rating @40°C	197.0 x 87.0 x 30.5

* test condition : Convection cooling 230Vac, 50 °C

MEA – 300A

Key Specification and Feature

Open Frame Medical Power Supply

- MEA-300A24C (Class I)

Key Features

- Extreme compact size
- Low no load consumption <0.3W
- Low touch current <0.1 mA Normal & <0.3mA Single fault
- IP22-rated enclosure provides reliable protection against dust and dripping water

Safety Standard

IEC/EN/UL 60601-1, IEC/EN/UL 62368-1

Model Information

Model Number	Input Voltage Range	Rated Output Voltage	Rated Output Current
MEA-300A24C HAA	90-264 Vac	24 Vdc	12.5 A



CB Certified for worldwide use

Target Application



Portable Ultrasound







Electric Medical Bed



4K Medical Display

MEA – 300A

Competitor Comparison

	Efficiency	Touch Current (Input – PE)	No Load Consumption (Standby Power)	Working Temperature	Dimension (mm)
Delta MEA-300A 	91% typ.	<0.1mA	<0.3W 	-10°C to +60°C de-rating @40°C	200.0 x 100.0 x 43.0
E Brand (300W) 	93% typ.	N/A	<0.5W	-20°C to +40°C	200.0 x 100.0 x 36.0
T Brand (300W) 	>88% typ.	<0.1mA	<0.5W	-30°C to +60°C de-rating @40°C	222.0 x 112.0 x 45.0

* test condition : Convection cooling 230Vac, 50 °C

Target Markets & Winning Factors

Adapter

MEA Series

Homecare

- CPAP
- Blood Pressure Monitor
- ...

Clinic/Hospital

- Potable Ultrasound
- Medical display
- Portable X-ray
- Infusion Workstation
- ...

Compact Size

Reduces workspace clutter and enhances portability for homecare devices and mobile/portable hospital equipment.

IP Rating

IP22 protects against ingress from dripping water and dust, ensuring safe and durable operation in demanding clinical environments.

Low Touch Current

Minimizes electrical risk during patient or operator contact, ensuring full compliance with the strictest safety.

High Efficiency

Delivers cooler operation and lower energy costs, preventing thermal discomfort for users while extending the adapter's lifetime.

Target Markets & Winning Factors

2D Portable Ultrasound



● Key Features for Application

- Slim type adapter
- With Class I / II types for different portable ultrasound equipment
- High efficiency & low no load consumption meet energy standard
- Low touch current
- Certified with medical standard IEC 60601-1

● Applicable Models



● **MEA**

65W (12V,15V,19V,24V) – Class I / II

90W (12V,15V,19V,24V) – Class I

160W (12V,15V,19V,24V) – Class I

250W (24V) – Class I

Open/U Frame PSU

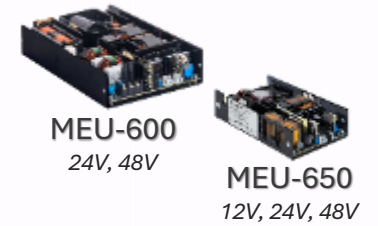
Product Portfolio

Open/U Frame

★ Recommended
 ➔ Coming models
 📊 Planning

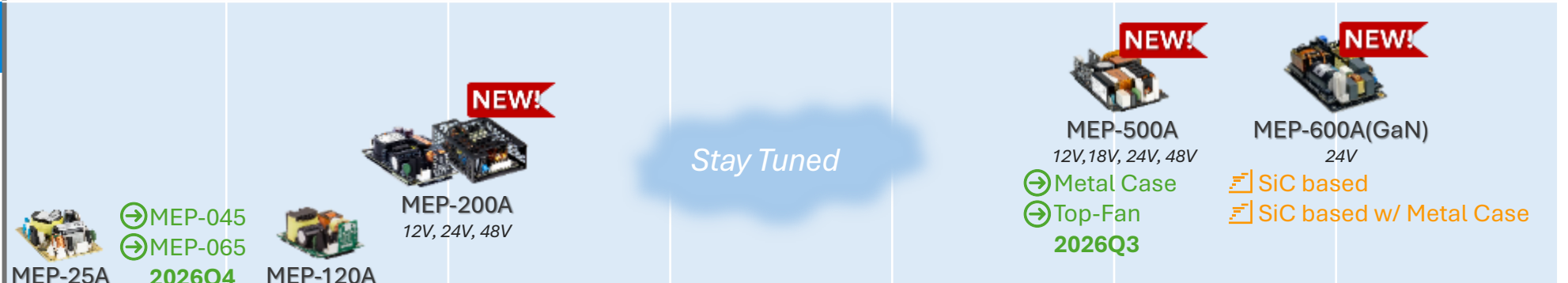
MEU

- ✓ PMBus* 8" x 5"
- ✓ Conformal Coating* 6" x 4"
- ✓ 12 V/0.6 A Fan Output



MEP

- ✓ High Power Density 5" x 3"
- ✓ Household Safety Approval* 4" x 2"
- ✓ Peak Power* 3" x 2"



MDS

- 5" x 3"
- 4" x 2"
- 3" x 2"



Not recommend for new projects

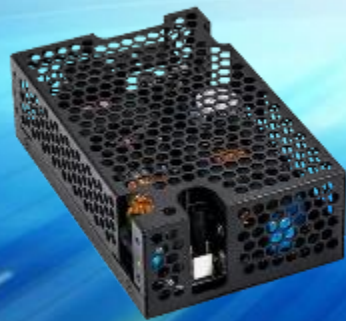
Power (W)

Open Frame PSU

Series	Power	Output Voltage	Features
MEP	120W	12V,15V,18V, 24V	<ul style="list-style-type: none"> 150W Peak Power for 10s Class I & Class II
	200W	12V, 24V, 48V	<ul style="list-style-type: none"> Convection power 200W NEW! With and without cover, Class I & Class II
	NEW! 500W	12V,18V, 24V, 48V	<ul style="list-style-type: none"> Convection Power 300W Build in Remote on/off, Class I & Class II
	NEW! 600W	24V	<ul style="list-style-type: none"> Convection Power 450W, GaN Based Technology Build in Remote on/off and Current sharing Function, Class I
MDS	40W	12V,15V,18V, 24V	<ul style="list-style-type: none"> Low Touch Current
	65W	12V,15V,18V, 24V	<ul style="list-style-type: none"> Convection Power 65W
	100W	12V,15V,18V, 24V	<ul style="list-style-type: none"> 100W with 10 CFM
	200W	12V, 24V	<ul style="list-style-type: none"> Convection Power 140 W
	250W	12V, 24V	<ul style="list-style-type: none"> Convection Power 150 W 5Vsb 0.5A, Class I
	300W	12V, 18V, 24V, 48V	<ul style="list-style-type: none"> Convection Power 240 W 5Vsb0.5A, Remote on/off
	400W	12V,19V, 24V, 30V	<ul style="list-style-type: none"> Convection Power 200 W 5Vsb2A.12V0.6A
MEU	600W	24V, 48V	<ul style="list-style-type: none"> 5Vsb/1A, PMBus, Active current sharing, 600W
	650W	12V, 24V, 48V	<ul style="list-style-type: none"> 5Vsb/2A ,12V fan Output, Class I, Convection Power 450 W

Open Frame New Product

- **MEP-200A**
- **MEP-500A**
- **MEP-600A**



MEP – 200A

Key Specification and Feature

Open Frame Medical Power Supply

- MEP-200AXXJ B (Open Frame)
- MEP-200AXXJ C (Open Frame with Cover) **NEW!**

Key Features

- Up to **200W** output with natural convection cooling
- Applicable to **Class I / II** system with Low leakage Current
- Wide Operating temperature -30°C to +70°C
- Class B Conducted and Radiated EMI

Safety Standard

IEC/EN/UL **60601-1**, IEC/EN/UL **62368-1**, IEC/EN 60335-1, IEC/EN 61558-1 (Compliance)

Model Information

Model Name	Input Voltage	Output Voltage	Max Continuous Current
MEP-200A12J □NA	90 - 264 Vac	12 Vdc	16.67 A
MEP-200A24J □NA	90 - 264 Vac	24 Vdc	8.34 A
MEP-200A48J □NA	90 - 264 Vac	48 Vdc	4.17 A



Target Application



Defibrillator








Endoscopy Imaging



Breast Pump

MEP – 200A

Competitor Comparison

	Output Power with convection air	Earth Leakage Current (Input – PE)	Isolation	Working Temperature	Dimension (mm)
Delta MEP-200A 	200W 	<0.3mA	Class I/ II	-20°C to +70°C de-rating @50°C	101.6 x 50.8 x 28.5 
T Brand (200W) 	200W	<0.3mA	Class I	-20°C to +70°C de-rating @50°C	127.0 x 76.2 x 34.0
M Brand (200W) 	140W	<0.5mA	Class I/ II	-20°C to +70°C de-rating @50°C	101.6 x 50.8 x 25.4

* test condition : Convection cooling 230Vac, 50 °C

MEP – 500A

Key Specification and Feature

Open Frame Medical Power Supply

- MEP-500AXXJ BRA (Open Frame)
- MEP-500AXXJ CRA (Enclosed) **Coming Soon!**
- MEP-500AXXJ DRA (Enclosed with Top Fan)

Key Features

- High output power for different medical equipment
- 5V/2A standby for medical auxiliary equipment
- Wide Operating temperature -20°C to **+85°C**
- Built-in **remote on/off** & **current sharing** function
- Applicable to **Class I / II** system

Safety Standard

IEC/EN/UL **60601-1**, IEC/EN/UL **62368-1**, IEC/EN 60335-1, IEC/EN 61558-1 (Compliance)



Target Application



IVD Equipment



Ventilator








Anesthetic Machine

Model Number	Main Output Voltage	Main Output Current	Standby Output Voltage	Standby Output Current	Fan Output Voltage	Fan Output Current
MEP-500A12J □RA	10.8-13.2 Vdc	41.7 A	5 Vdc	2 A	12V	0.6A
MEP-500A18J □RA	15.0-18.0 Vdc	27.8 A	5 Vdc	2 A	12V	0.6A
MEP-500A24J □RA	21.6-26.4 Vdc	20.9 A	5 Vdc	2 A	12V	0.6A
MEP-500A48J □RA	48.0-55.0 Vdc	10.5 A	5 Vdc	2 A	12V	0.6A

MEP – 500A

Competitor Comparison

	Output Power with convection air	Earth Leakage Current (Input – PE)	Isolation	Working Temperature	Dimension (mm)
Delta MEP-500A 	300W	<0.1mA 	Class I/ II	-30°C to +85°C  (-40°C Cold Start) de-rating @50°C	127.0 x 76.2 x 33.1
T Brand (500W) 	300W	<0.2mA	Class I/II	-20°C to +70°C de-rating @45°C	127.0 x 76.2 x 37.0
M Brand (500W) 	300W	<0.5mA	Class I/ II	-40°C to +70°C de-rating @45°C	127.0 x 76.2 x 30.5

* test condition : Convection cooling 230Vac, 50 °C

MEP - 600

Key Specification and Feature

Open Frame Medical Power Supply

- MEP-600AXXJ BRA (Open Frame)
- MEP-600AXXJ BAA (Open Frame, SiC)
- MEB-600AXXT AAA (Enclosed, SiC)

Planning

Key Features

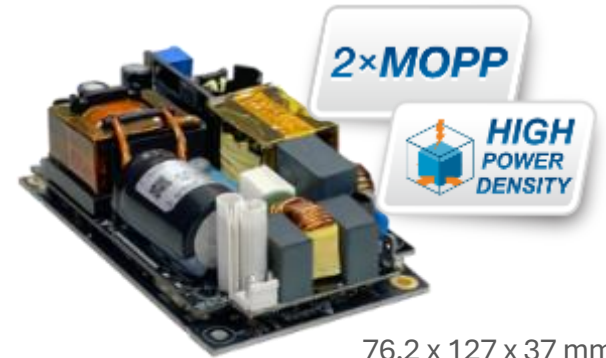
- GaN based technology
- Up to 450 W output with natural convection cooling
- 5V/2A standby for medical auxiliary equipment
- Wide Operating temperature -20°C to +80°C
- Current sharing function

Safety Standard

IEC/EN/UL 60601, IEC/EN/UL 62368, IEC/EN 60335-1, IEC/EN 61558-1 (Compliance)

Model Information

Model Number	Input Voltage	Main Output Voltage	Main Output Current	Standby Output Voltage	Standby Output Current
MEP-600A24J BRA	90-264 Vac	24 Vdc	25 A	5 Vdc	2 A



76.2 x 127 x 37 mm
3" x 5" x 1.46"



Target Application



Operating Table









Surgical Light



Anesthetic Machine

MEP – 600A

Competitor Comparison

	Output Power with convection air	Earth Leakage Current (Input – PE)	Isolation	Working Temperature	Dimension (mm)
Delta MEP-600A 	450W 	0.3mA	Class I/ II	-20°C to +80°C  (-40°C Cold Start) de-rating @50°C	127.0 x 76.2 x 39.0 
T Brand(600W) 	400W	<0.2mA	Class I/II	-20°C to +70°C de-rating @40°C	127.0 x 76.2 x 37.0
M Brand(600W) 	400W	<0.5mA	Class I/ II	-40°C to +70°C de-rating @40°C	127.0 x 76.2 x 35.0

* test condition : Convection cooling 230Vac, 50 °C

Target Markets & Winning Factors

Open/U Frame

MEP, MEU Series

Homecare

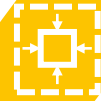
- Breast Pump
- Respiratory Monitor
- ...

Clinic/Hospital

- Anesthetic Machine
- Ventilator
- Oxygen Concentrator
- Patient Monitor
- Defibrillator
- Endoscope
- ...

High Power Density

Enables device miniaturization and portability by maximizing output within a compact footprint.



Working Temperature

Ensures consistent system reliability across diverse clinical environments, from ambulance transport to enclosed medical cabinets.



High Output Power w/ Convection Air Cooling

Supports fan-less designs to maintain a sterile, whisper-quiet environment while eliminating the risk of fan-induced contamination.



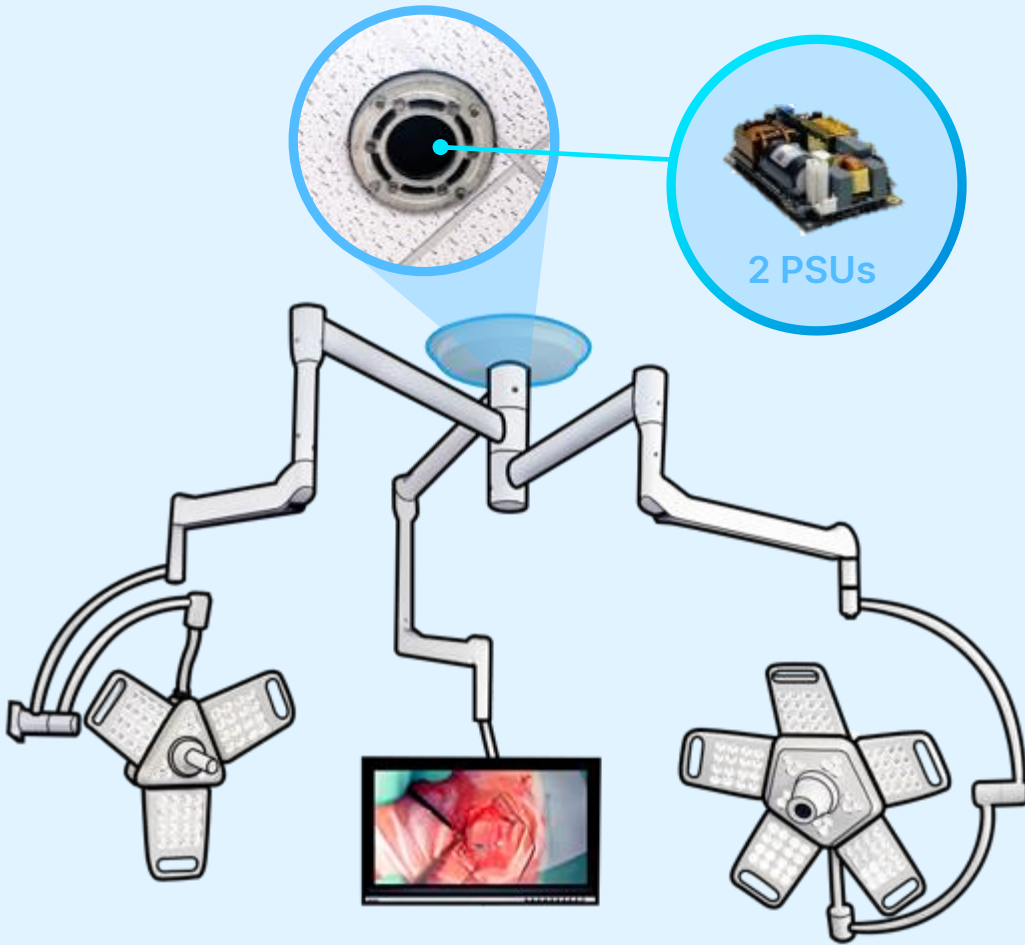
Low Earth Leakage Current

Guarantees the highest level of patient safety and full compliance with Type BF medical standards by minimizing electrical risks.



Target Markets & Winning Factors

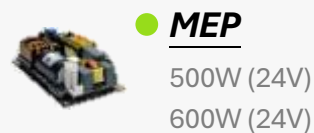
Surgical Light



● Key Features for Application

- Large installation space for ceiling mounting
- Two power supplies for main and auxiliary lights
- Fan cooling for prolonged usage
- 12V auxiliary fan power is needed
- Optional open frame / U frame type power supply
- Universal 100-240Vac input voltage
- Certified with medical standard IEC 60601-1

● Applicable Models



● **MEP**

500W (24V)
600W (24V)



● **MEU**

600W (24V)
650W (24V)

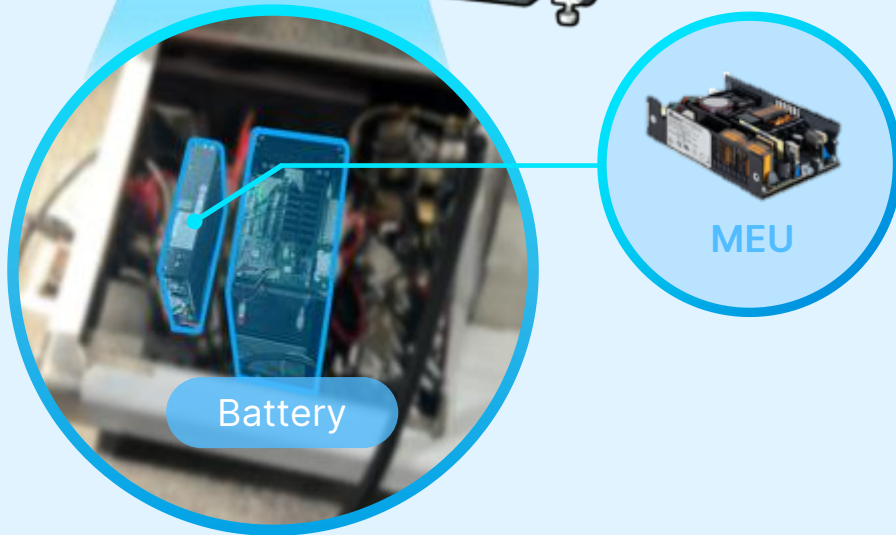
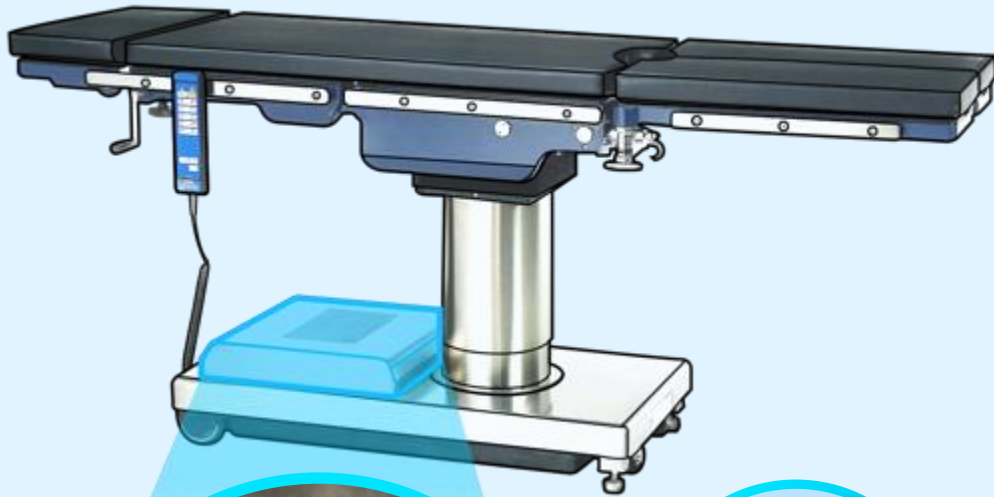


● **MDS**

300W (24V)
400W (24V)
500W (24V)

Target Markets & Winning Factors

Operating Table



● Key Features for Application

- Optional U frame / enclosure type power supply
- Compact size for saving installation space
- Convection cooling for low acoustic noise
- Universal 100-240Vac input voltage
- Certified with medical standard IEC 60601-1

● Applicable Models



● MEP

500W (24V)
600W (24V)



● MEU

600W (24V)
650W (24V)

Enclosed PSU

Product Portfolio

Enclosed

→ Coming models

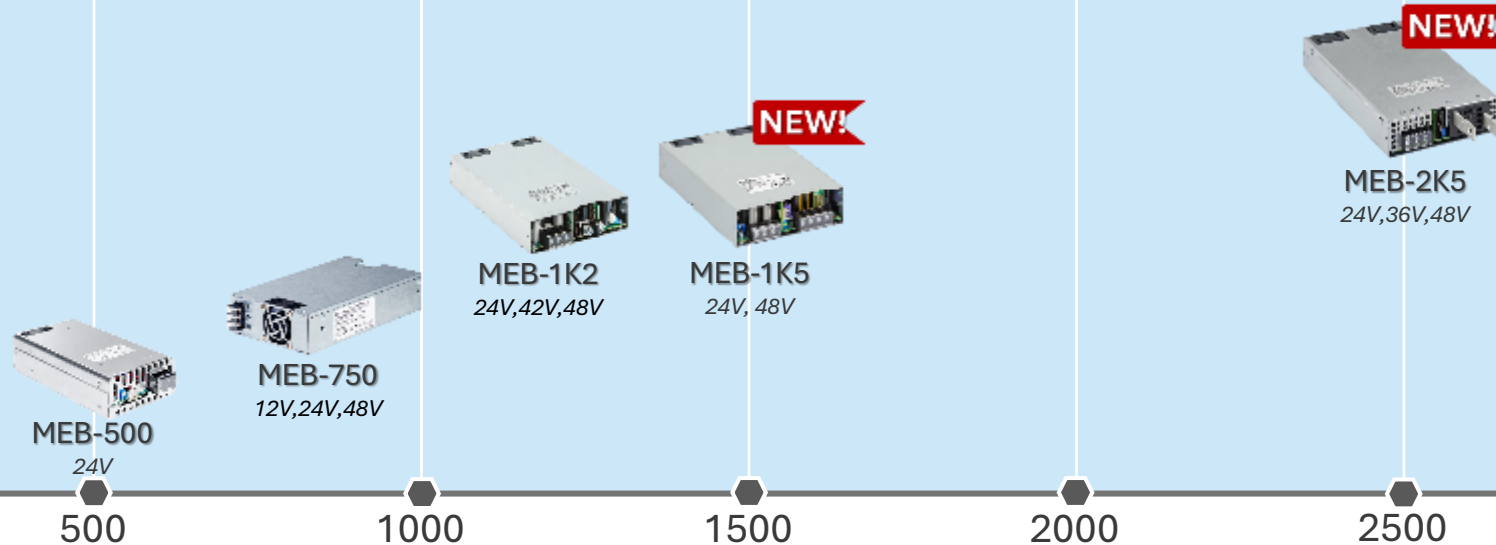
IMA

- ✓ Design in Germany
- ✓ Low Acoustic Noise
- ✓ PMBus & GUI control
- ✓ Wide Adj. output voltage range $\pm 20\%^*$
- ✓ Conformal Coating*
- ✓ Peak Power*



MEB

- ✓ High Power Density
- ✓ Conformal Coating
- ✓ Extra Low Leakage Current
- ✓ PMBus*



Power (W)

Enclosed PSU

Series	Power	Output	Features
MEB	500W	Output Voltage: 24V	<ul style="list-style-type: none"> Built-in Remote On/Off, 5 V/1 A Standby Output High Power Density
	750W	Output Voltage: 12V,24V,48V	<ul style="list-style-type: none"> Peak Power 1200W (48V) Conformal Coating
	1200W	Output Voltage: 24V,42V,48V	<ul style="list-style-type: none"> PMBus Ver 1.3 Supported Intelligent Fan Speed Control
	NEW! 1500W	Output Voltage: 24V,48V	<ul style="list-style-type: none"> Build in Remote on/off and Current sharing Function 2200 W power boost (150%)48V
	NEW! 2500W	Output Voltage: 24V,36V,48V	<ul style="list-style-type: none"> PMBus Ver 1.3 Supported Intelligent Fan Speed Control
IMA	400W	Output Voltage: 12V,24V,48V	<ul style="list-style-type: none"> PMBus compatible for control, monitoring, and configuration Wide adjustable output voltage range (+/- 20%)
	600W	Output Voltage: 12V,24V,48V	<ul style="list-style-type: none"> Variable speed fan control Wide adjustable output voltage range (+/- 20%)
	1000W	Output Voltage: 12V,24V,48V	<ul style="list-style-type: none"> Low acoustic noise level of less than 39 dB(A) Wide operating input voltage range: 80 Vac to 275 Vac or 120 Vdc to 300 Vdc
	NEW! 2000W	Output Voltage: 24V,48V	<ul style="list-style-type: none"> PMBus compatible for control, programming Active current sharing, Peak power 3000W

Enclosed Type New Product

- **MEB-1K5A**
- **MEB-2K5A**
- **IMA-S2000**



MEB – 1K5A

Key Specification and Feature

Enclosed Medical Power Supply

- MEB-1K5AXXT AAA

Key Features

- 1500W @ 180-264Vac and 1200W @ low line
- Low Earth Leakage Current <0.2mA
- 5V/2A standby, Active Current Sharing
- Remove On/Off control
- Low acoustic noise for noise sensitive equipment

Safety Standard

IEC/EN/UL 60601, IEC/EN/UL 62368, IEC/EN 60335-1, IEC/EN 61558-1 (Compliance)

Model Information

Model Number	Input Voltage	Output Voltage	Current Output
MEB-1K5A24T	90-264 Vac ⁽⁴⁾	24 Vdc	62.5 A
MEB-1K5A48T		48 Vdc	31.25A



204 x 127 x 40.5 mm
8.03" x 5.00" x 1.59"



Target Application



3D/4D Ultrasound










MRI System



X-Ray Equipment

MEB-1K5A

Competitor Comparison

	Power Density	Earth Leakage Current (Input – PE)	Peak Power	EMI	Dimension (inch)
Delta MEB-1K5 	23.5 W/inch ³ 	<0.2mA 	2200W (48V) 	Class B	8.03" x 5.00" x 1.59" 
A Brand 	11.5 W/inch ³	<0.4mA	N/A	Class A	10.00" x 5.20" x 2.50"
T Brand 	12.77 W/inch ³	<0.3mA	N/A	Class B	10.28" x 5.00" x 2.48"

* test condition : Convection cooling 230Vac, 50 °C

MEB – 2K5A

Key Specification and Feature

Enclosed Medical Power Supply

- MEB-2K5AXXT NAA (Remote On/Off state: default on)
- MEB-2K5AXXT RAA (Remote on/off state: default off)

Key Features

- 2500W @ 180-264Vac and 1500W @ low line
- Active Current Sharing up to 4pcs in parallel
- Operate from -20°C to +70°C
- 5V/2A Standby Output & PM Bus V1.3
- Intelligent Fan Speed Control

Safety Standard

IEC/EN/UL 60601, IEC/EN/UL 62368, IEC/EN 60335-1, IEC/EN 61558-1 (Compliance)

Model Information

Model Number	Input Voltage ²⁾	Output Voltage	Current Output	Output Power
MEB-2K5A24T NAA MEB-2K5A24T RAA	85 Vac	24 Vdc	0-41.67 A	1,000 W
	90-100 Vac		0-56.25 A	1,350 W
	110-132 Vac		0-62.5 A	1,500 W
	180-264 Vac		0-104.2 A	2,500 W
MEB-2K5A36T NAA MEB-2K5A36T RAA	85 Vac	36 Vdc	0-27.78 A	1,000 W
	90-100 Vac		0-37.5 A	1,350 W
	110-132 Vac		0-41.67 A	1,500 W
	180-264 Vac		0-69.5 A	2,500 W
MEB-2K5A48T NAA MEB-2K5A48T RAA	85 Vac	48 Vdc	0-20.83 A	1,000 W
	90-100 Vac		0-28.125 A	1,350 W
	110-132 Vac		0-31.25 A	1,500 W
	180-264 Vac		0-52.1 A	2,500 W



271 x 127 x 40.5 mm
10.67" x 5.00" x 1.59"



Target Application



Laser Cutting Machine



Dialysis Machine









Radiology

1 st CC code	
□	
N	Remote On/Off state: default ON
R	Remote On/Off state: default OFF

MEB-2K5A

Competitor Comparison

	Power Density	Earth Leakage Current (Input – PE)	Communication	EMI	Dimension (inch)
Delta MEB-2K5 	29.47 W/inch ³ 	<0.2mA 	PMBus	Class B	10.67" x 5.00" x 1.59" 
A Brand 	15.72 W/inch ³	<0.5mA	PMBus	Class A	10.90" x 7.00" x 2.50"
X Brand 	15.58 W/inch ³	<0.45mA	PMBus, CANopen	Class B	11.00" x 7.00" x 2.50"

* test condition : Convection cooling 230Vac, 50 °C

IMA-S2000

Key Specification and Feature

Enclosed Medical Power Supply

- IMA-S2000-XX-YV

Key Features

- 2000W @ 230Vac and 1600W @ low line
- 3000W Peak Power (up to 5s)
- 5V/2A standby, Active Current Sharing
- PMBus™ compatible for control, programming and monitoring
- Low acoustic noise level of less than 39 dB(A), variable speed fan control



309.6 x 127 x 40.6 mm
12.19" x 5.00" x 1.60"



Safety Standard

IEC/EN 60601-1, IEC 62368-1, IEC/EN/UL 60950-1

Model Information

Model number ¹⁾	Input voltage range		Main DC Output		Auxiliary DC Output	
	AC (Vac)	DC (Vdc)	Voltage (Vdc)	Current (A)	Voltage (Vdc)	Current (A)
IMA-S2000-24-YVxxx	80 to 275	120 to 300	24	83.3	5	2
IMA-S2000-48-YVxxx	80 to 275	120 to 300	48	41.6	5	2

¹⁾ IMA-S2000:x = S for standard version (e.g. IMA-S2000-xx-YVxxx),
x = C for conformal coated version (e.g. IMA-C2000-xx-YVxxx)

Target Application



Robotic Surgical System



Biochemical analyzer



Laser/ Therapy System

Target Markets & Winning Factors

Enclosed

MEB, IMA Series

Clinic/Hospital

- MRI System
- 3D/4D Ultrasound
- X-Ray Equipment
- Robotic Surgical System
- Dialysis Machine
- Biochemical analyzer
- Laser/ Therapy System
- ...

High Power Density

Enables device miniaturization and portability by maximizing output within a compact footprint.

PMBus Communication

Enables real-time digital monitoring and intelligent power management, allowing for predictive maintenance and enhanced system uptime.

EMI Class B

Ensures minimal electromagnetic interference with sensitive diagnostic equipment, guaranteeing crystal-clear signals and accurate patient data.

Intelligent Fan Speed Control

Minimizes acoustic disturbance in critical care environments to support patient recovery and staff focus.

Target Markets & Winning Factors

Doppler Ultrasound



● Key Features for Application

- Compact size for saving installation space
- Low acoustic noise
- Low touch current
- Long life and high reliability
- BF type medical equipment
- Certified with medical standard IEC 60601-1

● Applicable Models



● **MEB**

750W (12V,24V,48V)

1200W (24V,42V,48V)



● **MEG** (*Customized & Multiple Output*)

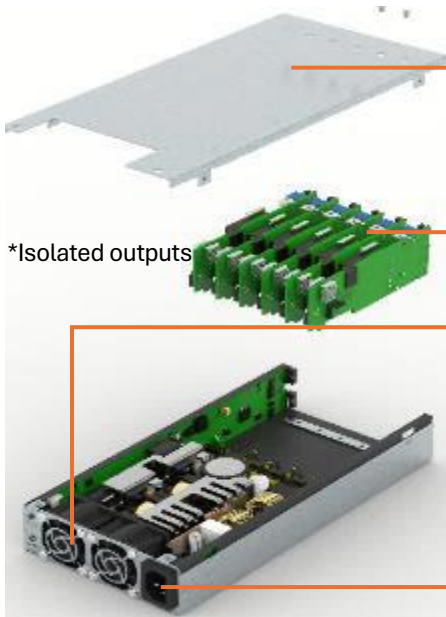
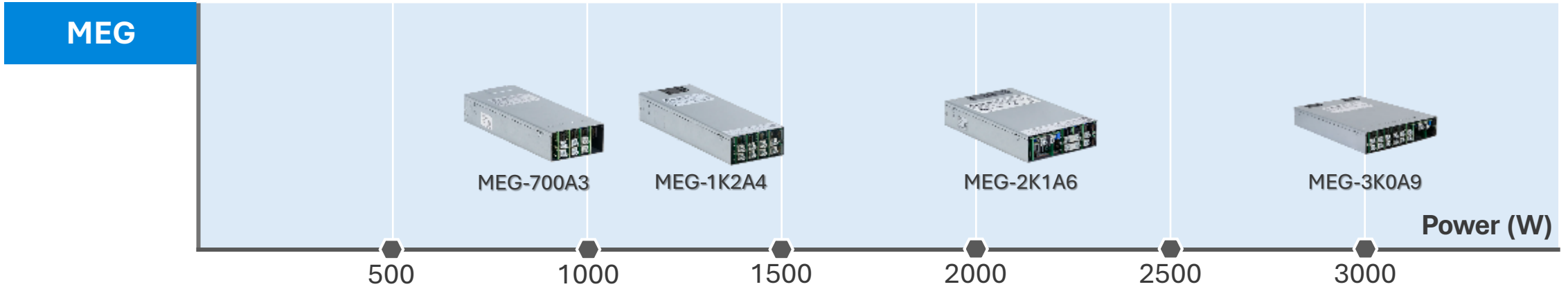
700W

1200W

Configurable PSU

Product Portfolio

Configurable PSU



● Frame (Power Body)

3/4/6/9 slots

*Isolated outputs

● Output Module



Single Output
Single Slot
300W max



Single Output
Triple Slot
1200W max



Dual Output
Single Slot
240W max

● Fan Direction

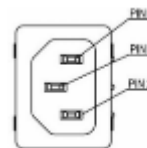


Normal Airflow

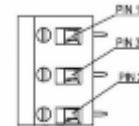


Reversed Airflow

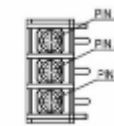
● AC Input Connector



C14 Socket



EU Terminal



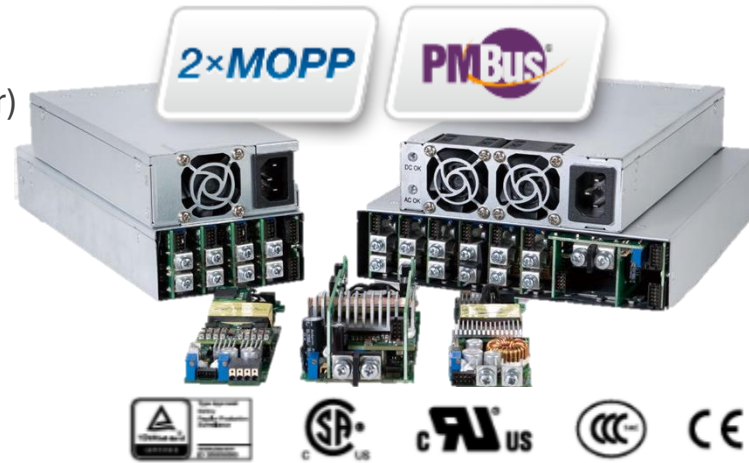
US Terminal

MEG-A Series

Key Specification and Feature

Key Features

- 3000W Max. output power (1200W Max. module output power)
- 27W/inch³ Max. power density (Low profile 1U)
- Configurable **output voltage from 2 - 60V**
(higher by connected in series)
- Multiple communication** options
(PMBus, RS-485, RS-232, and USB)
- GUI system** supports monitoring real-time operating status and output voltage adjustment



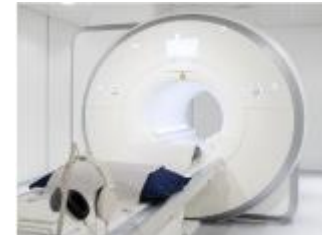
Safety Standard

IEC/EN **60601-1**, IEC/EN/UL **62368-1**, IEC 60950-1, **SEMI F47** (Compliance)

Model Information

Model Number	Output Slots	Input Voltage	Max. Power
MEG-700A3	3	90 VAC ~ 264 VAC	700W
MEG-1K2A4	4	90-160 Vac	Input Current Limit to 8.5 A
		160-264 Vac	1200 W
MEG-2K1A6	6	90-160 Vac	Input Current Limit to 15 A
		160-264 Vac	2100 W
MEG-3K0A9	9	100-120 Vac	Input Current Limit to 20 A
		200-240 Vac	3000 W

Target Application



Computed Tomography



Laser Machine



Semiconductor

Target Markets & Winning Factors

Configurable

MEG Series

Clinic/Hospital

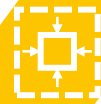
- MRI/ CT scan System
- Robotic Surgical System
- Large-scale IVD Analyzers
- ...

Industrial

- Laser Equipment
- Semiconductor Equipment
- ...

High Power Density w/ Configurable Outputs

Consolidates diverse voltage requirements into a single, compact unit, significantly reducing system footprint and simplifying internal architecture.



Multiple Communication Options (PMBus, RS-485, RS-232, USB)

Supports versatile digital interfaces for real-time monitoring and control via GUI system



Parallel Optional

Provides scalable power capacity by allowing output channels to be paralleled, meeting the high-current demands of heavy-duty medical motors or laser modules.

Intelligent Fan Speed Control

Minimizes acoustic disturbance in critical care environments to support patient recovery and staff focus.



Target Markets & Winning Factors

Analog Mixed Signal Tester



● Key Features for Application

- Compact size for saving installation space
- SEMI F47 Compliance for semiconductor equipment
- 5 x Different Configuration in 1 Machine
- Global/Local Inhibit for more than 4 pcs in parallel
- Higher Reliability

● Applicable Models

- MEG



Target Markets & Winning Factors

Boeing 737 Simulator



● Key Features for Application

- Compact size for saving installation space
- 5 x Different Configuration in 1 Machine
- Small Footprint
- Higher Reliability


● Applicable Models

● MEG



Target Markets

One-Stop shopping for medical applications

 **Lab Equipment:**
IVD

Applicable Series
MEA, MEP, MEB

 **Home Healthcare:**
CPAP

Applicable Series
MEA

 **Clinical:**
Da Vinci Robot

Applicable Series
IMA, MEB, MEG

 **Medical Image:**
Ultrasound


Applicable Series
MEB, MEG

 **Medical Image:**
CT Scan, MRI

Applicable Series
MEB, MEG

 **Clinical:**
Dental

Applicable Series
MEB, MEU, MEP

 **Clinical:**
Patient monitor

Applicable Series
MDS, MEA, MEP

 **Clinical:**
Respiratory

Applicable Series
MEB, MEP

 **Clinical:**
Patient Bed

Applicable Series
MEB, MEP

 **Clinical:**
Dialysis

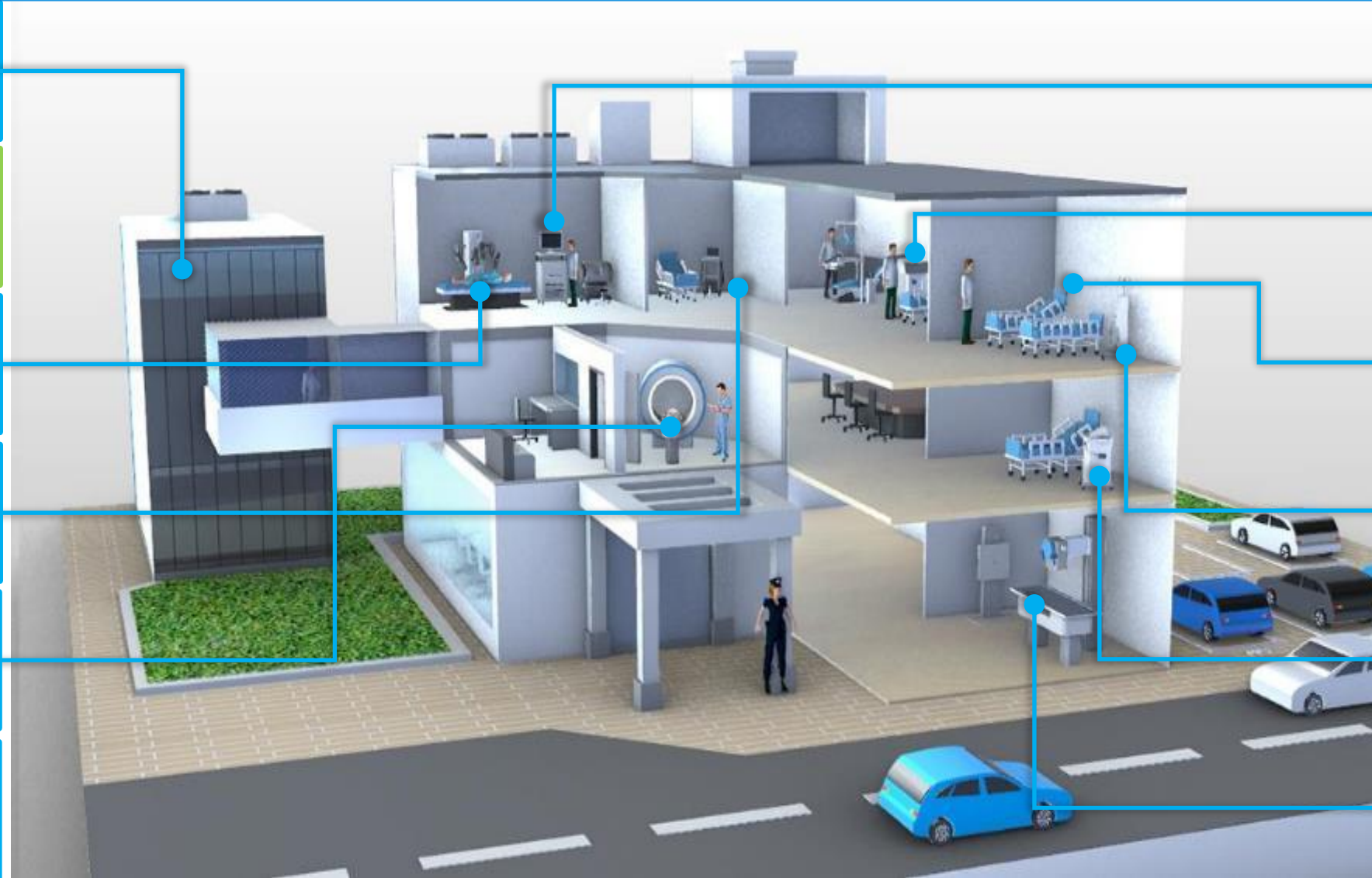
Applicable Series
MEB, MEU

 **Clinical:**
Aesthetic

Applicable Series
IMA, MEP, MEB

 **Medical Image:**
X-Ray

Applicable Series
MEB, MEG



Delta PSU Website

WE MADE IT EASY FOR CUSTOMERS

- Product Catalogs
- Product Series Brochure
- Product Technical Documents
- News & Events about New Products
- Product Change Notices
- Product Comparison
- Application wise Product Selection Tools
- FAQs

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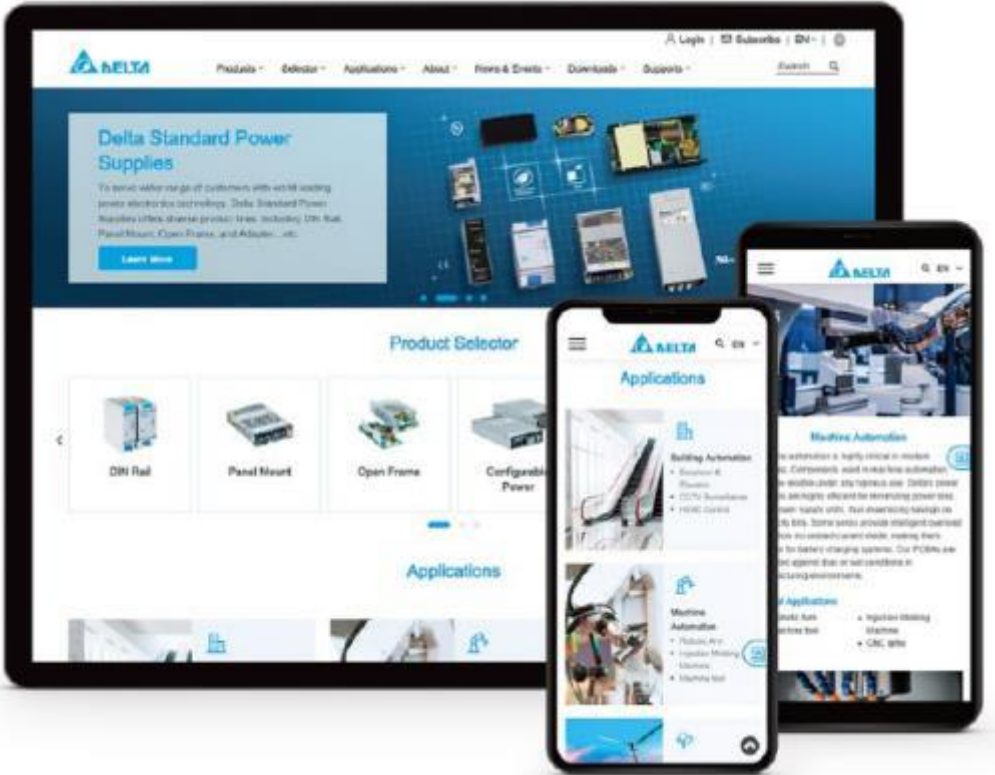
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