



AC-DC Configurable Power Supplies

TRUSTED • INNOVATIVE • RELIABLE



AC-DC Power Supplies



NV175 & NV175-M Series

[Full Datasheet](#)

<https://product.tdk.com/en/power/nv>

175-200W Medical 3" x 5" Power Supplies

- ◆ Universal Input (90 - 264VAC)
- ◆ Active Power Factor Correction
- ◆ No Minimum Loads
- ◆ Up to 90% Efficient
- ◆ 1-3 Outputs (NV175-M) ; 1-5 Outputs (NV175)
- ◆ 2 x MOPP Primary - Secondary (NV175-M)
- ◆ 1 x MOPP Primary - Secondary (NV175)
- ◆ 4kVAC Input - Output Isolation (NV175-M)
- ◆ 3kVAC Input - Output Isolation (NV175)



Vega Series

[Full Datasheet](#)

<https://product.tdk.com/en/power/vega>

450-900W Medical, Multiple Output Modular Power Supplies

- ◆ 2 x MOPP Primary - Secondary
- ◆ 4kVAC Input - Output Isolation
- ◆ 1-10 Wide Range Outputs with Adjustment
- ◆ Forward/Reverse/Low Noise/System Air Cooling
- ◆ Output Voltages from 0.5V - 62V
- ◆ 48VDC Input Option
- ◆ Medical Approval Options
- ◆ MIL-STD-810 Shock and Vibration
- ◆ PFC Compliant to EN61000-3-2
- ◆ Safety Agency Approvals EN, cULus, BSI, CE



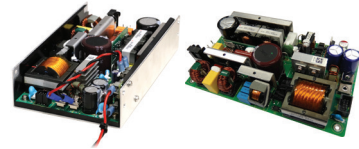
MU4 Series

[Full Datasheet](#)

<https://product.tdk.com/en/power/mu>

600 to 800W 1U Modular Power Supplies

- ◆ 2 x MOPP Primary - Secondary
- ◆ 4kVAC Input - Output Isolation
- ◆ 1U Height
- ◆ Extremely Low Audible Noise
- ◆ Up to 5 Outputs
- ◆ Intelligent, Patent Pending Fan Control
- ◆ Suitable for BF Rated Equipment
- ◆ PMBus™ Communication
- ◆ Seamless 3.3V - 104V adjustment range
- ◆ 7 Year Warranty



XMS500 / XMS500A Series

[Full Datasheet](#)

<https://product.tdk.com/en/power/xms>

500W Medical, Configurable, Class I or Class II AC-DC Power Supplies

- ◆ 2 x MOPP Primary - Secondary
- ◆ 4kVAC Input - Output Isolation
- ◆ High Efficiency up to 92%
- ◆ Suitable for BF Rated Equipment
- ◆ Class I / II with Level B EMC
- ◆ 1U Form Factor
- ◆ Low Airflow Requirement
- ◆ 5 Year Warranty

XMS500A Additional Features:

- ◆ Full Power at 85Vac Input
- ◆ ATX Power Good Signal
- ◆ Extended Hold Up Time to 20ms
- ◆ Improved 12ms AC Fail Signal Warning Time
- ◆ Remote On/Off Signals current reduced to 1mA maximum



QM4/QM5/QM7/QM8 Series

[Full Datasheet QM4](#)

[Full Datasheet QM5](#)

[Full Datasheet QM7](#)

[Full Datasheet QM8](#)

<https://product.tdk.com/en/power/qm>

550 - 2000W Medical, Multiple Output Modular Power Supplies

- ◆ 2 x MOPP Primary - Secondary
- ◆ 4kVAC Input - Output Isolation
- ◆ High Efficiency
- ◆ Low Speed, Low Audible Noise Fans
- ◆ Up to 18 Outputs
- ◆ Industry Leading Flexibility
- ◆ 7 Year Warranty
- ◆ Suitable for BF Rated Equipment
- ◆ PMBus™ Communication



QS Series

[Full Datasheet](#)

<https://product.tdk.com/en/power/qs>

600 to 1200W Medical Single Output Power Supplies

- ◆ 2 x MOPP Primary - Secondary
- ◆ 4kVAC Input - Output Isolation
- ◆ High Efficiency
- ◆ Low Speed, Low Audible Noise Fans
- ◆ 7 Year Warranty
- ◆ Suitable for BF Rated Equipment
- ◆ Single Fuse & Dual Auxiliary Output Options Available
- ◆ PMBus™ Communication

AC/DC



Product Series	Description	Output Power (W)	Outputs	Output Voltages (VDC)	Dimensions (Inches)	Protection Class	B / BF Compliant	Cooling
NV175	Open-frame (configurable)	175 - 180	1 - 5	1.8, 2.7, ± 3.3 , ± 5 , ± 12 , ± 15 , ± 24	3 x 5 x 1.25"	Class I	B	Forced air
NV175-M	Open-frame (configurable)	180	1 - 3	± 3.3 , ± 5 , ± 12 , ± 15 , ± 24	3 x 5 x 1.25"	Class I	B	Forced air
XMS500 / XMS500A	Open-frame	500	1	12, 24, 36, 48	4 x 7.1 x 1.46"	Class I / Class II	B/BF	Forced air
Vega	Enclosed - End fan (configurable)	450 - 900	1 - 10	0.5 - 62	10.6 x 5 x 2.5"	Class I	B	Forced air
QM4	Enclosed - End fan (configurable)	550 - 650	1 - 10	2.8 - 105.6	10.6 x 4.3 x 2.5"	Class I	BF	Forced air
QM5	Enclosed - End fan (configurable)	700 - 1200	1 - 12	2.8 - 105.6	10.6 x 5 x 2.5"	Class I	BF	Forced air
QM7	Enclosed - End fan (configurable)	1200 - 1500	1 - 16	2.8 - 105.6	10.6 x 6.9 x 2.5"	Class I	BF	Forced air
QM8	Enclosed - End fan (configurable)	1200 - 1500	1 - 18	2.8 - 105.6	10.6 x 7.9 x 2.5"	Class I	BF	Forced air
QM8B	Enclosed - End fan (configurable)	1200 - 2000	1 - 18	2.8 - 105.6	10.6 x 7.9 x 2.5"	Class I	BF	Forced air
MU4	Enclosed - End fan (configurable)	600 - 800	1 - 5	3.3 - 104V	3.5 x 10 x 1.6"	Class I	BF	Forced air
QS	Enclosed - End fan	600 - 1,200	1	12, 24, 48	6.92 x 10.63 x 2.50"	Class I	BF	Forced air

We're Here to Help!



Want Engineering Support?

- ◆ Please call 1-800-LAMBDA-4 (1-800-526-2324) to speak to our inside technical support team, or email tla.powersolutions@tdk.com
- ◆ TDK-Lambda's Field Application Engineers are available for in-depth advice at your facility. Please contact your local TDK-Lambda salesperson to schedule a visit.

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