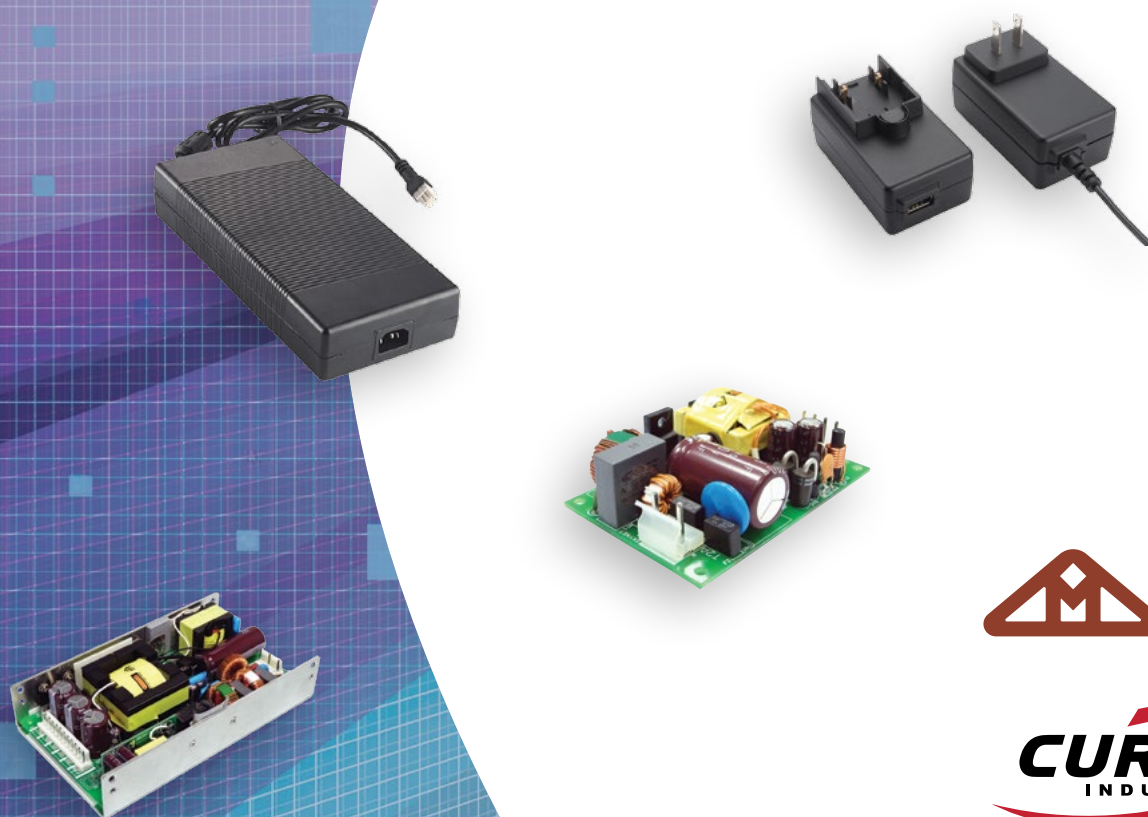


Innovative Engineering Solutions



Selection Guide

MEDICAL POWER SUPPLIES



 **TRI-MAG**
®

 **CURTIS**
INDUSTRIES
A division of Powers Holdings, Inc.

Tri-Mag/Curtis Industries offers a comprehensive line of switching power supplies designed specifically for medical & home healthcare applications.

Adapters, desktops & PCB mounted power supplies are ideal for critical devices when you need reliable power sources. All L6R and the ICM12M series include a 2-year warranty. The DTxxxAF series include a lifetime warranty.

- ANSI/AAMI/IEC ES60601-1:2012 (60601 ed. 3.1)
- DoE Level VI, ErP Stage 2, Energy Star compliant
- 100-240 Vac Universal input
- Regulated Output with Low Ripple Noise

Our open-frame power supplies come with a **lifetime warranty**. If one ever fails, we replace it. Free. Contact Tri-Mag for lifetime warranty details.

- ANSI/AAMI/IEC ES60601-1:2005/(R)2012 (60601 ed. 3.1)
- 100-240 Vac Universal input
- 50°C/convection-cooled primary rating (unless noted otherwise)
- Many designed for BF, Class I/II and EMI Class B applications

Medical Adapters and Desktop Power Supplies

6–36 Watts



L6R06M Series

- Up to **7.5W** - Class II
- Output: 5 - 12Vdc
- Leakage Current: <100µA
- Option: <100µA
- 2xMOPP
- Case: 2.20" x 1.10" x 1.65"



L6R12M Series

- Up to **12W** - Class II
- Output: 5 - 24 Vdc
- Leakage Current: <100µA
- 2xMOPP
- Case: 3.15" x 1.81" x 1.59"



ICM12M Series

- Up to **12W** - Class II
- Output: 5 - 24 Vdc
- Leakage Current: <100µA
- 2xMOPP
- Case: 3.15" x 1.81" x 1.59"



L6R20HM Series

- Up to **20W** - Class II
- Output: 5 - 48 Vdc
- Leakage Current: <100µA
- 2xMOPP
- Case: 2.83" x 1.34" x 2.05"



L6R36DM Series

- Up to **36W** - Class I or II
- Output: 5 - 24 Vdc
- Leakage Current: <100µA
- 2xMOPP
- Case: 3.94" x 1.97" x 1.30"

40–90 Watts



DT040AF Series

- Up to **48W** - Class II
- Output: 12, 15, 24, 48 Vdc
- 2xMOPP
- **Lifetime Warranty**
- Case: 2.29" X 4.73" X 1.66"



DT060AF Series

- Up to **60W** - Class II
- Output: 12, 15, 24, 48 Vdc
- 2xMOPP
- **Lifetime Warranty**
- Case: 2.56" X 5.31" X 1.57"



L6R65DM Series

- Up to **65W** - Class I or II
- Output: 12 - 48 Vdc
- Leakage Current: <100µA
- 2xMOPP
- Case: 4.69" x 2.36" x 1.42"



DT080AF Series

- Up to **80W** - Class I
- Output: 12, 15, 24, 48 Vdc
- 2xMOPP
- **Lifetime Warranty**
- Case: 2.83" x 5.70" x 1.65"



L6R90DM Series

- Up to **90W** - Class I or II
- Output: 9 - 36 Vdc
- Leakage Current: <100µA
- 2xMOPP
- 6.30"/5.94" x 2.52" x 1.38"

120–300 Watts



L6R120DM Series

- Up to **120W** - Class I or II
- Output: 12 - 48 Vdc
- Leakage Current: <100µA
- 2xMOPP
- Case: 6.50" x 2.60" x 1.54"



L6R160DM Series

- Up to **160W** - Class I
- Output: 12, 19, 24, 48 Vdc
- Leakage Current: <100µA
- 2xMOPP
- Case: 7.20" x 3.19" x 1.65"



L6R200DM Series

- Up to **200W** - Class I
- Output: 12 - 48 Vdc
- Leakage Current: <100µA
- 2xMOPP
- Case: 8.03" x 3.19" x 1.67"



L6R250DM Series

- Up to **250W** - Class I or II
- Output: 12, 15, 24, 48 Vdc
- Leakage Current: <100µA
- 2xMOPP
- Case: 8.03" x 3.70" x 1.71"



L6R300DM Series

- Up to **300W** - Class I or II
- Output: 12, 15, 24, 48 Vdc
- Leakage Current: <100µA
- 2xMOPP
- Case: 10.00" x 4.57" x 1.85"

PCB Mounted Medical Power Supplies

12 Watts



DA12PM Series

- Up to **12 Watts** - Class II
- Output: 3.3 - 24 Vdc
- Leakage Current: <100µA
- 2xMOPP
- 2.56" x 1.76" x 0.95"

24 Watts



DA24PM Series

- Up to **24 Watts** - Class II
- Output: 3.3 - 48 Vdc
- Leakage Current: <100µA
- 2xMOPP
- 2.75" x 1.89" x 1.02"

Open Frame & Enclosed Medical Power Supplies

30–80 Watts



DFH030M Series

- **30W/15W** @50°/70°C
- Output: 12, 15, 24, 48 Vdc
- DOE Level VI Compliant
- 2xMOPP
- 1.57" x 2.76" x 0.9"



DG040M Series

- **40W/20W** @50°/70°C
- Output: 12 - 48 Vdc
- DOE Level VI Compliant
- 2xMOPP
- 2.00" x 3.00" x 0.91"



DY040 Series

- **45W/22.5W** @50°/70°C
- Multiple Output Options
- Leakage Current: <300µA
- Efficiencies up to 85%
- 2.00" x 4.00" x 1.10"



DGK060 Series

- **60W/30W** @50°/70°C
- Output: 12 - 60Vdc
- For BF Applications
- 2xMOPP
- 2.00" x 4.00" x 0.97"



DHF060M Series

- **60W/30W** @50°/70°C
- Output: 12, 15, 24, 48 Vdc
- DOE Level VI Compliant
- 2xMOPP
- 2.00" x 3.17" x 0.95"



DY060 Series

- **60W/30W** @50°/70°C
- Multiple Output Options
- Leakage Current: <300µA
- Efficiencies up to 87%
- 2.50" x 4.50" x 1.18"



DZ065/DZ065V Series

- **65W/32.5W** @50°/70°C
- Multiple Output Options
- Leakage Current: <300µA
- Efficiencies up to 87%
- 2.00" x 4.00" x 1.18"



DZ080 Series

- **80W/40W** @50°/70°C
- Multiple Output Options
- Leakage Current: <300µA
- Efficiencies up to 87%
- 2.50" x 4.40" x 1.18"



DHF080M Series

- **80W/40W** @50°/70°C
- Output: 12, 15, 24, 48 Vdc
- DOE Level VI Compliant
- 2xMOPP
- 2.00" x 4.00" x 1.12"

90–150 Watts



DY090 Series

- **90W/45W** @50°/70°C
- Multiple Output Options
- Leakage Current: <300µA
- Efficiencies up to 87%
- 3.00" x 5.00" x 1.18"



DHF100M Series

- **100W/50W** @50°/70°C
- Output: 12, 15, 24 Vdc
- DOE Level VI Compliant
- 2xMOPP
- 2.00" x 4.00" x 1.20"



DZ100M Series

- **110W/55W** @50°/70°C
- Multiple Output Options
- Leakage Current: <250µA
- Efficiencies up to 85%
- 3.00" x 5.00" x 1.18"



DY110 Series

- **110W/55W** @50°/70°C
- Multiple Output Options
- Leakage Current: <250µA
- Efficiencies up to 85%
- 3.50" x 6.00" x 1.42"



DG120M Series

- **120W/60W** @50°/70°C
- Output: 12 - 48 Vdc
- DOE Level VI Compliant
- 2xMOPP & Built-in PFC
- 2.00" x 4.00" x 1.28"



DV120M Series

- **120W/60W** @50°/70°C
- 180W w/18CFM Forced Air
- Output: 12 & 24 Vdc +Fan
- 2xMOPP & Built-in PFC
- 2.39" x 4.00" x 1.26"



DP150M Series

- **150W/75W** @50°/70°C
- Output: 12-48 Vdc w/+5VSB
- 2xMOPP & Built-in PFC
- Remote On/Off & Sense
- 3.00" x 5.00" x 1.07"



DZ150 Series

- **150W/75W** @50°/70°C
- Multiple Output Options
- Built-in PFC
- Efficiencies up to 88%
- 6.80" x 3.80" x 1.50"

160–400 Watts



DG160M Series

- **160W/80W** @50°/70°C
- 240W w/18CFM Forced Air
- Output: 12 - 48 Vdc
- 2xMOPP & Built-in PFC
- 3.00" x 5.00" x 1.44"



DG200M Series

- **200W/100W** @50°/65°C
- 230W w/18CFM Forced Air
- Output: 12 - 48 Vdc
- 2xMOPP & Built-in PFC
- 3.00" x 5.00" x 1.50"



DV200M Series

- **200W/100W** @50°/70°C
- 300W w/18CFM Forced Air
- Output: 12 & 24 Vdc +Fan
- 2xMOPP & Built-in PFC
- 3.00" x 5.00" x 1.38"



DE300 Series

- **300 Watts** @ 65°C
- Output: 12 - 48 Vdc
- Efficiencies up to 91%
- 2xMOPP & Built-in PFC
- 3.00" x 5.00" x 2.08"



DG300M Series

- **300W/150W** @50°/70°C
- 360W w/18CFM Forced Air
- Output: 12 - 60 Vdc
- 2xMOPP & Built-in PFC
- 4.20" x 8.00" x 1.65"



DP300M Series

- **300W/150W** @50°/70°C
- Output: 12, 24 Vdc w/+5VSB
- 2xMOPP & Built-in PFC
- Remote On/Off & Sense
- 6.57" x 3.74" x 1.46"



DV300M Series

- **300W/150W** @50°/70°C
- 400W w/33CFM Forced Air
- Output: 12 & 24 Vdc +Fan
- 2xMOPP & Built-in PFC
- 4.00" x 6.00" x 1.38"



DP400M Series

- **400W/200W** @50°/70°C
- Output: 12-48 Vdc w/+5VSB
- 2xMOPP & Built-in PFC
- Remote On/Off & Sense
- 4.00" x 7.00" x 1.50"

Family of Products

- Power Supplies
 - ITE & Medical
 - External Adapters
 - Desktop
 - Open Frame
 - Enclosed
- Terminal Blocks
 - Barrier Style
 - PCB Mounted
 - Custom Design
- EMI/RFI Filters
 - Single Phase
 - 3-Phase
 - DC
 - Military
 - Custom Design
- DC-DC Converters
 - 1 - 350 Watts



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