

SYSTEM POWER MEDICAL POWER

Advanced Energy - Selector Guide



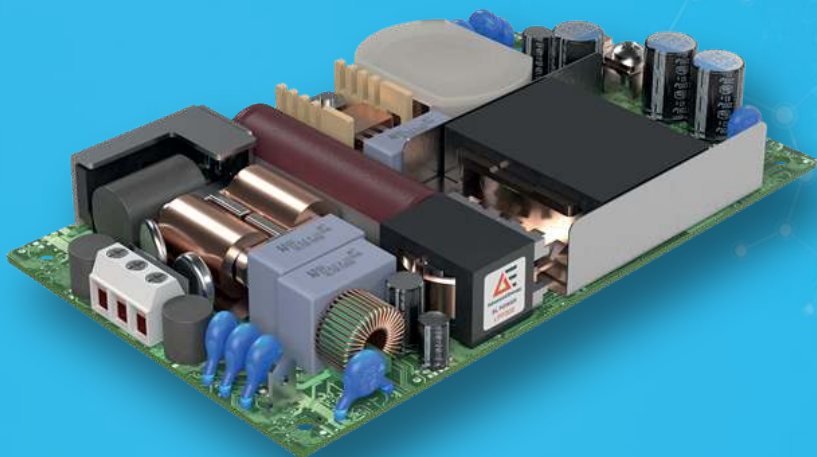
MEDICAL POWER SPOTLIGHT

LPP300 Series

300 W Low Profile
AC - DC Power Supply

Maximum Power.
Minimal Footprint.

High performance open-frame power supply
for compact medical and industrial
applications where space is critical.



Specifications

Output Power (w)	300
Size (inches)	5 x 3 x 0.75
Mounting Type:	Embedded PSU
Output Current (A)	2.61 - 14.17
Output Voltage Range (V)	12 V - 48 V
Output Power (W)	min. 170 - max. 300
Input Voltage (V)	min. 90 - max. 264
Warranty (Years)	3

Medical Power Supplies
Selector Guide

DC-DC

Low Voltage
DC-DC Converters

ASA

Output voltage
-15 to 15 V
Max output power
6 W



AEE

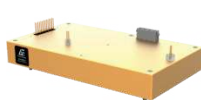
Output voltage
-15 to 24 V
(max 15 V at 10 W)
Output power
10, 15, and 20 W



High Voltage
DC-DC Modules

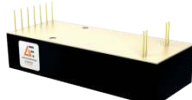
High Power C

Output voltage
125 V to 60 kV
Output power
60, 125, or 250 W



A

Output voltage
62 V to 40 kV
Output power
4, 15, 20, and 30 W



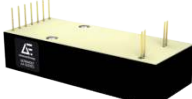
LE

Output voltage
1 to 30 kV
Output power
4, 20, and 30 W



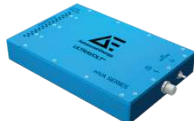
AA

Output voltage
62 V to 6 kV
Output power
4, 20, and 30 W



HVA

Output voltage
1 to 20 kV
Max output power
2 W



US

Output voltage
200 to 500 V
Max output power
0.1 W



AC-DC

Low Voltage AC-DC Power Supplies

MODULAR

UltiMod Up to 12 outputs, ranging from 1 to 58 V Max output power 1200 W 	iMP Up to 21 outputs, ranging from 2 to 60 V Max output power 1500 W 	uMP Up to 12 outputs, ranging from 0.9 to 60 V Max output power 1800 W 	CoolX1800 Up to 12 outputs, ranging from 1 to 58 V Max output power 1800 W 	iVS Up to 24 outputs, ranging from 2 to 60 V Max output power 4920 W 	iHP Up to 8 outputs, ranging from 0.6 to 1000 V Max output power 24,000 W 	LCM Output voltage 12 to 72 V Max output power 3000 W 	Xsolo Output voltage 14 to 58 V Max output power 1000 W 
--	--	--	---	--	---	---	---

DISTRIBUTED/ENCLOSED

FANLESS SINGLE OUTPUT

LCC250 Output voltage 10.8 to 55.2 V Max power output 250 W 	LCC600 Output voltage 12 to 54 V Max power output 600 W 
---	---

FANLESS MODULAR

CoolX600 Up to 8 outputs, ranging from 1 to 58 V Max output power 600 W 	CoolX1000 Up to 12 outputs Max output power 1000 W 
---	---

OPEN FRAME

2x4 NPS20-M 4.5 to 57.6 V / 25 to 40 W NPS40-M 4.5 to 57.6 V / 45 to 60 W NPS60-M 4 to 28.8 V / 60 W LPT100-M -16.5 to 28.8 V / 80 to 130 W GB30 5 to 48 V / 30 W SLB125 12 to 48 V / 85 to 125 W NGB250 12 to 48 V / 180 to 250 W 	3x5 LPS40-M 5 to 24 V / 40 to 55 W NLP65 -12 to 24 V / 65 to 75 W LPS60-M 11.4 to 26.4 V / 60 to 80 W LPQ200-M 13.2 to 26.4 V / 100 to 200 W LPS360-M 12 to 52.8 V / 200 to 360 W GB130Q 5 to 24 V / 100 to 130 W SLB300 12 to 48 V / 200 to 300 W NGB425 12 to 48 V / 270 to 425 W 	4x6 CNS650-MU 12 to 52.8 V / 400 to 650 W NGB660 12 to 48 V / 440 to 660 W 
		4x7 NLP250 11.4 to 25.2 V / 175 to 250 W 

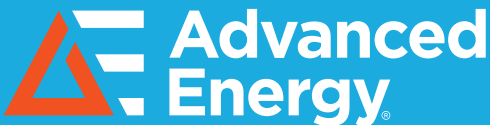
ADAPTERS

SLE60 5 V / 3 W 	GE150 12 to 48 V / 145 to 150 W 	SLE90 12 to 48 V / 90 W 	ME30 5 to 58 V / 20 to 30 W 
--	--	--	---

High Voltage AC-DC Modules

PFC

FULL BRICK AIF06 Output voltage 400 V Max output power 2400 W 	FULL BRICK AIF04 Output voltage 380 V Max output power 1600 W 	3/4 BRICK AIT Output voltage 393 V Max output power 150 W 	1/4 BRICK AIQ Output voltage 393 V Max output power 75 W 
---	---	---	--



Our power solutions are designed for optimum performance and reliability, and to meet the latest regulatory and safety standards such as IEC60601-1 3rd Edition, IEC60601-1-2 4th Edition EMC, 2XMOPP, and low leakage current. Some products are dual-fused, some are suitable for B or BF rated applications. Please consult individual data sheets for specific details.



System Power Selector Guide

Advanced Energy offers a broad portfolio of AC-DC and DC-DC power supplies from its Artesyn, Excelsys, SL Power and UltraVolt product lines.

Our power solutions are designed for optimum performance and reliability, and to meet the latest regulatory and safety standards such as IEC60601-1 3rd Edition, IEC60601-1-2 4th Edition EMC, 2XMOPP, and low leakage current. Some products are dual-fused, some are suitable for type B, BF, or CF applications. Please consult individual data sheets for specific details.

AC-DC

CONFIGURABLE

UltiMod Up to 1200 W 1 to 12 Outputs 	iMP Series Up to 1500 W 1 to 21 Outputs 
uMP Series Up to 1800 W Up to 12 Outputs 	CoolX1800, CoolX3000 Up to 3000 W Up to 12 Outputs 
iVS Series Up to 4920 W 1 to 24 Outputs 	iHP Series Up to 30 kW Up to 8 Outputs 
CoolX600, CoolX1000 Up to 1000 W 6 Outputs Fanless 	XF Series Up to 6 Outputs 1000 W MIL Standards 
NeoPower Up to 4000 W Up to 8 Outputs 	

RACKS

Open Rack Power Shelf and Rectifier 1 U 18 kW or 33 kW Power Shelves Accepts up to 6, 3 kW or 5.5 kW Rectifiers HPR12K 1U, 12 kW Accepts 4 HPS3000	LCM12K 1U, 4kW Evergreen FCM30k 2U, 30kW 
--	--

BULK/DISTRIBUTED/ENCLOSED

LCM Series 300, 600, 1000, 1500, 3000, 4000 W 85 to 528 VAC 12 to 300 VDC 	Xsolo/Xsolo BF Series 500, 1000 W 85 to 264 VAC 120 to 380 VDC 	TF Series 800, 1500, 3000 W 90 to 264 VAC 12 VDC up to 400 VDC 
CRPS Series 550, 800, 1300, 1800, 2000, 2400, 3200 W 90 to 264 VAC or 240 VDC, 48 VDC-in 12 VDC 	M-CRPS Series 1800, 2400, 3200, 3600 W 90 to 264 VAC or 240 VDC, 48 VDC-in 12 VDC or 54 VDC 	HPS Series 1 to 3000 W 90 to 264 VAC 48 VDC 
		Evergreen FCM Series 0 to 10 kW 187 to 528 VAC, 3 Phase 3 Wire + PE 

OPEN FRAME

2 x 4 NPS20-M/40-M/60-M 20 to 60 W GB40 Up to 40 W NPT40-M/LPT100-M / MINT3110 40 to 130 W Triple Output LPS100-M Up to 150 W SLB125 Up to 125 W NGB150 / 250 150 to 250 W LU225 Up to 225 W CPS250-M Up to 250 W 4 x 6 CNS650-MU 400 to 650 W NGB660 560 to 650 W 	3 x 5 LPS40/40-M/60/60-M / 200-M/250-M/360-M 40 to 360 W LPT60 60 to 80 W GB130Q / LPQ200-M 130 to 200 W Quad Output TLP150 100 to 150 W SLB300 300 W NGB425 365 to 425 W 5 x 8 NGB800 800 W Single Output 3.3 x 10.8 NGB1200 1200 W Single Output 	CF Rated NCF Series Up to 660 W Single Output Other Products/Sizes GB10P - 1" x 2" 10 W PCB Mount Single Output GB10 - 1.6" x 3.4" 10 W to 12 W Single Output GB20 - 1.6" x 3.4" 15 W to 20 W Single Output GB30 - 1.9" x 4.0" 20 W to 30 W Single Output SLB65 - 2" x 3" 40 W to 65 W Single Output MB65 - 2" x 3.5" 65 W Single Output
--	--	--

BENCH

iLS Series 600 W, 1500 W 

ADAPTERS

AD, DA, DP Series 10 to 100 W GE Series Up to 150 W Medical & ITE Safety Appr.	ME / TE Series Up to 240 W Medical / ITE SLE Up to 90 W Medical & ITE	MENB Up to 60 W Medical Level V PW Up to 20 W PoE 
--	--	---

FANLESS/ CONDUCTION COOLED

LCC250 250 W 	LCC600 600 W 
LCC1200 1200 W 	
CS1000 1000 W 	

CAPACITOR CHARGER

FlexiCharge Up to 4 kJ Capacitor Charger Up to 4800 W Total Power 

DC-DC

LOW VOLTAGE

PFC Full Brick; AIF 1600 to 2400 W 3/4 Brick; AIT 150 W 1/4 Brick; AIQ 75 W 	High Power Full Brick; AIF 600 W 3/4 Brick; AIT 1/2 Brick; AIH 250 W 1/4 Brick; AIQ 
Telecom DC-DC 1/16th brick 35 to 200 W; ALD/AVD 1/8th brick 50 to 300 W; AVO/ADO 1/4 brick 50 to 800 W; AVQ/ADQ/ 1/4 brick Bus converter 900 to 1300 W; BCQ/BDQ/NDQ 1/2 brick 300 to 1300 W; AVE/ADH Full brick 500 to 800 W; AGF 	

Industrial DC-DC

0.5 by 0.5 DIP 3W; AYA 0.9 by 0.5 DIP 3W; AYA 1.2 by 0.8 DIP 24 6 W, 10 W; ASA 1 by 1; 10 W, 20 W, 25 W; AXA 1 by 2; 15 W, 40 W, 50 W; AEE 1.6 by 2; 25 W, 30 W; AET 
--

Direct Conversion - PSA Series

100 A; ADC 

AC-DC Board mount

Full brick 500W AIF 
--

Non-isolated DC-DC

C2-class LDO, 3 A, 6 A, 10 A and SMT/SIL, 20 A, 40 A LGA**C class, 3 A, 6 A, 10 A, 20 A LGA**D class, 50 A, 80 A, 110 A 
--

Medical DC-DC

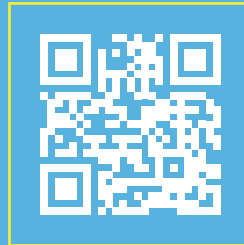
0.8 by 1.2; Medical 6 W; ASA 1 by 2; Medical 15 W, 20 W; AEE 
--

Railway DC-DC

1 by 2; Railway 10 W, 20 W; ERM 1/4 brick Railway 50 W, 75 W; 100W 150W ERM 

HIGH VOLTAGE

Miniature DC/DC AEQ, US, V, M, D, MPM Series Output Voltage 62 V to 6 kV 	Medium Power AA, A, 10A-15A, 20A, 25A, LE, E Series Output Voltage: 62 V to 40 kV 	High Power DC/DC C, High Power C, High Power 8C-30C, High Power 40C-60C Series Output Voltage: 125 V to 60 kV 	High Voltage Amplifiers HVA Series Output Voltage: Up to 20 kV Unipolar & Bipolar 
--	---	---	---



Contact

VITEC POWER - HEAD OFFICE WORLDWIDE SALES

Bahnstraße 65-67/2/2

A-2230 Gänserndorf

Phone: +43 2282 3144

E-Mail: office@vitecpower.com

VITEC POWER - TURKEY Sirketi Elektronik Ticaret Limited (Türkiye)

Phone: +90 530 762 71 38

E-Mail: gokhan@vitecpower.com

OFFICE - SOUTH EAST EUROPE (HU, BG, RO & Ex Yugoslavia Countries)

Phone: +36 309 339 701

E-Mail: office@vitecpower.com

OFFICE - SK & CZ (Slovakia & Czech Republic)

Phone: +421 910 619 318

E-Mail: m.straka@vitecpower.com

OFFICE - POLAND & BALTIC COUNTRIES (Poland & Estonia, Latvia, and Lithuania)

Phone: +48 885 990 088

E-Mail: b.jadowski@vitecpower.com