

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.



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AC-DC

MODULAR

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
90 to 264 VAC
120 to 380 VDC



TF Series

800, 1500, 3000 W
90 to 264 VAC
12 VDC up to 400 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



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



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

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 80-30C, 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

