

DC POWER SYSTEMS CATALOG



MEDIUM POWER DC

*3000W - 10000W
15V - 1200V Output
2U Rack Height*



HIGH POWER DC

*15000W
15V - 1200V Output
3U Rack Height*



PARALLEL POWER SYSTEMS

*30000W - 60000W
20V - 1200V Output
6U - 12U Rack Height*



"Your Best Choice in Power"



ADAPTIVE POWER SYSTEMS

www.adaptivepower.com

Company Profile

Adaptive Power Systems (APS) was created in 2003 to manufacture and distribute a complete and extensive line of AC and DC power equipment to meet world-wide applications. Our equipment is sold by independent sales representatives and distributors throughout the world.

Adaptive Power Systems' products are designed to fill the needs of power conversion for either AC or DC applications.

- Our AC to AC converters provide frequencies and voltages found around the world and also for military avionics/shipboard applications. The APS Frequency changer product range is available in power levels from 500 VA to 120 kVA, single- and three-phase output.
- For DC power requirements, we offer a broad range of highly efficient and compact programmable AC/DC power supplies for bench or rack mount use ranging from 1200 Watts to 100's of kilo Watts. A wide selection of power levels and voltage ranges to choose from ensures optimal solutions at very competitive prices.
- In addition to AC and DC power sources, we offer a range of AC and DC programmable electronic loads for a wide range of power test and development applications. You can find these products on the subsequent pages of this Electronic Load Catalog.

Adaptive Power Systems' customer base consists of major U.S. and international corporations. Markets served include production test, household appliance and consumer product manufacturing, defense, commercial aviation, telecommunications, semiconductor manufacturing, industrial manufacturing and compliance test agencies.

With design, manufacturing, sales and service centers around the world, Adaptive Power Systems is a global provider of affordable power test solutions. Put us to the test.



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DDP SERIES

The DDP Series offers anywhere from 3kW to an unbelievably 10kW of programmable DC power in only 2U (3.5") of rack space. All models use a large graphical LCD Display for easy operation and full digital control. For ATE applications, a choice of interfaces is available.

Medium Power
Power: 3kW to 10kW
Voltage: 15V to 1200V
Current: up to 500A



Model DDP150-30

DDP SERIES MODELS - 3kW

| MODEL | RATED POWER (W) | VOLTAGE (V) | CURRENT (A) | INPUT POWER | HEIGHT |
|-------------|-----------------|-------------|-------------|----------------------|--------|
| DDP15-200 | 3000 | 0-15 | 0-200 | 207-253Vac, 47-63 Hz | 2U |
| DDP35-90 | 3000 | 0-35 | 0-90 | 207-253Vac, 47-63 Hz | 2U |
| DDP60-50 | 3000 | 0-60 | 0-50 | 207-253Vac, 47-63 Hz | 2U |
| DDP80-38 | 3000 | 0-80 | 0-38 | 207-253Vac, 47-63 Hz | 2U |
| DDP100-30 | 3000 | 0-100 | 0-30 | 207-253Vac, 47-63 Hz | 2U |
| DDP150-20 | 3000 | 0-150 | 0-20 | 207-253Vac, 47-63 Hz | 2U |
| DDP300-10 | 3000 | 0-300 | 0-10 | 207-253Vac, 47-63 Hz | 2U |
| DDP600-5 | 3000 | 0-600 | 0-5 | 207-253Vac, 47-63 Hz | 2U |
| DDP1000-3 | 3000 | 0-1000 | 0-3 | 207-253Vac, 47-63 Hz | 2U |
| DDP1200-2.6 | 3000 | 0-1200 | 0-2.6 | 207-253Vac, 47-63 Hz | 2U |

DDP SERIES MODELS - 4kW

| MODEL | RATED POWER (W) | VOLTAGE (V) | CURRENT (A) | INPUT POWER | HEIGHT |
|-------------|-----------------|-------------|-------------|----------------------|--------|
| DDP20-200 | 4000 | 0-20 | 0-200 | 207-253Vac, 47-63 Hz | 2U |
| DDP35-115 | 4000 | 0-35 | 0-115 | 207-253Vac, 47-63 Hz | 2U |
| DDP60-67 | 4000 | 0-60 | 0-67 | 207-253Vac, 47-63 Hz | 2U |
| DDP80-50 | 4000 | 0-80 | 0-50 | 207-253Vac, 47-63 Hz | 2U |
| DDP100-40 | 4000 | 0-100 | 0-40 | 207-253Vac, 47-63 Hz | 2U |
| DDP150-30 | 4000 | 0-150 | 0-30 | 207-253Vac, 47-63 Hz | 2U |
| DDP300-15 | 4000 | 0-300 | 0-15 | 207-253Vac, 47-63 Hz | 2U |
| DDP600-7 | 4000 | 0-600 | 0-7 | 207-253Vac, 47-63 Hz | 2U |
| DDP1000-4 | 4000 | 0-1000 | 0-4 | 207-253Vac, 47-63 Hz | 2U |
| DDP1200-3.4 | 4000 | 0-1200 | 0-3.4 | 207-253Vac, 47-63 Hz | 2U |

DDP SERIES MODELS - 5kW

| MODEL | RATED POWER (W) | VOLTAGE (V) | CURRENT (A) | INPUT POWER | HEIGHT |
|-------------|-----------------|-------------|-------------|----------------------|--------|
| DDP25-200 | 5000 | 0-25 | 0-200 | 207-253Vac, 47-63 Hz | 2U |
| DDP35-150 | 5000 | 0-35 | 0-150 | 207-253Vac, 47-63 Hz | 2U |
| DDP60-83 | 5000 | 0-60 | 0-83 | 207-253Vac, 47-63 Hz | 2U |
| DDP80-63 | 5000 | 0-80 | 0-63 | 207-253Vac, 47-63 Hz | 2U |
| DDP100-50 | 5000 | 0-100 | 0-50 | 207-253Vac, 47-63 Hz | 2U |
| DDP150-35 | 5000 | 0-150 | 0-35 | 207-253Vac, 47-63 Hz | 2U |
| DDP300-17 | 5000 | 0-300 | 0-17 | 207-253Vac, 47-63 Hz | 2U |
| DDP600-8.5 | 5000 | 0-600 | 0-8.5 | 207-253Vac, 47-63 Hz | 2U |
| DDP1000-5 | 5000 | 0-1000 | 0-5 | 207-253Vac, 47-63 Hz | 2U |
| DDP1200-4.2 | 5000 | 0-1200 | 0-4.2 | 207-253Vac, 47-63 Hz | 2U |

DDP SERIES MODELS - 6kW

| MODEL | RATED POWER (W) | VOLTAGE (V) | CURRENT (A) | INPUT POWER | HEIGHT |
|-----------|-----------------|-------------|-------------|---|--------|
| DDP15-400 | 6000 | 0-15 | 0-400 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP20-300 | 6000 | 0-20 | 0-300 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP35-175 | 6000 | 0-35 | 0-175 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP60-100 | 6000 | 0-60 | 0-100 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP80-75 | 6000 | 0-80 | 0-75 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP100-60 | 6000 | 0-100 | 0-60 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP150-40 | 6000 | 0-150 | 0-40 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP300-20 | 6000 | 0-300 | 0-20 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP600-10 | 6000 | 0-600 | 0-10 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP1000-6 | 6000 | 0-1000 | 0-6 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP1200-5 | 6000 | 0-1200 | 0-5 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |

DDP SERIES MODELS - 8kW

| MODEL | RATED POWER (W) | VOLTAGE (V) | CURRENT (A) | INPUT POWER | HEIGHT |
|-------------|-----------------|-------------|-------------|---|--------|
| DDP20-440 | 8000 | 0-20 | 0-440 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP35-230 | 8000 | 0-35 | 0-230 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP60-133 | 8000 | 0-60 | 0-133 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP80-100 | 8000 | 0-80 | 0-100 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP100-80 | 8000 | 0-100 | 0-80 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP150-55 | 8000 | 0-150 | 0-55 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP300-30 | 8000 | 0-300 | 0-30 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP600-15 | 8000 | 0-600 | 0-15 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP1000-8 | 8000 | 0-1000 | 0-8 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP1200-6.7 | 8000 | 0-1200 | 0-6.7 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |

DDP SERIES MODELS - 10kW

| MODEL | RATED POWER (W) | VOLTAGE (V) | CURRENT (A) | INPUT POWER | HEIGHT |
|-------------|-----------------|-------------|-------------|---|--------|
| DDP20-500 | 10000 | 0-20 | 0-500 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP35-300 | 10000 | 0-35 | 0-300 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP60-167 | 10000 | 0-60 | 0-167 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP80-125 | 10000 | 0-80 | 0-125 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP100-100 | 10000 | 0-100 | 0-100 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP150-70 | 10000 | 0-150 | 0-70 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP300-33 | 10000 | 0-300 | 0-33 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP600-17 | 10000 | 0-600 | 0-17 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP1000-10 | 10000 | 0-1000 | 0-10 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |
| DDP1200-8.4 | 10000 | 0-1200 | 0-8.4 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 2U |

DPS SERIES

The DPS Series DC Power Supply are the highest power models for both bench and rack mount applications. With power levels between 15kW and 60kW (higher power configurations available as well) and the ability to easily parallel for higher power needs, these models present excellent value. Compact 3U (5.25") form factor at 15kW. All models use a large graphical LCD display for easy operation and full digital control. For ATE applications, a choice of interfaces is available.

**Medium Power
Power: 5kW to 60kW+
Voltage: 20V to 1200V
Current: up to 3000A**



Model DPS20-750



DPS SERIES MODELS - 15kW

| MODEL | RATED POWER (W) | VOLTAGE (V) | CURRENT (A) | INPUT POWER | HEIGHT |
|------------|-----------------|-------------|-------------|---|--------|
| DPS20-750 | 15000 | 0-20 | 0-750 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 3U |
| DPS40-375 | 15000 | 0-40 | 0-375 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 3U |
| DPS80-195 | 15000 | 0-80 | 0-195 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 3U |
| DPS100-150 | 15000 | 0-100 | 0-150 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 3U |
| DPS150-100 | 15000 | 0-150 | 0-100 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 3U |
| DPS300-50 | 15000 | 0-300 | 0-50 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 3U |
| DPS600-25 | 15000 | 0-600 | 0-25 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 3U |
| DPS1000-15 | 15000 | 0-1000 | 0-15 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 3U |
| DPS1200-12 | 15000 | 0-1200 | 0-12 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 3U |

DPS SERIES SYSTEMS - 30kW

| MODEL | RATED POWER (W) | VOLTAGE (V) | CURRENT (A) | INPUT POWER | HEIGHT |
|------------|-----------------|-------------|-------------|---|--------|
| DPS20-1500 | 30000 | 0-20 | 0-1500 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 6U |
| DPS40-750 | 30000 | 0-40 | 0-750 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 6U |
| DPS80-375 | 30000 | 0-80 | 0-375 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 6U |
| DPS100-300 | 30000 | 0-100 | 0-300 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 6U |
| DPS150-200 | 30000 | 0-150 | 0-200 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 6U |
| DPS300-100 | 30000 | 0-300 | 0-100 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 6U |
| DPS600-50 | 30000 | 0-600 | 0-50 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 6U |
| DPS1000-30 | 30000 | 0-1000 | 0-30 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 6U |
| DPS1200-25 | 30000 | 0-1200 | 0-25 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 6U |

DPS SERIES SYSTEMS - 45kW

| MODEL | RATED POWER (W) | VOLTAGE (V) | CURRENT (A) | INPUT POWER | HEIGHT |
|------------|-----------------|-------------|-------------|---|--------|
| DPS20-2250 | 45000 | 0-20 | 0-2250 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 9U |
| DPS40-1125 | 45000 | 0-40 | 0-1125 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 9U |
| DPS80-585 | 45000 | 0-80 | 0-585 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 9U |
| DPS100-450 | 45000 | 0-100 | 0-450 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 9U |
| DPS150-300 | 45000 | 0-150 | 0-300 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 9U |
| DPS300-150 | 45000 | 0-300 | 0-150 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 9U |
| DPS600-75 | 45000 | 0-600 | 0-75 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 9U |
| DPS1000-45 | 45000 | 0-1000 | 0-45 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 9U |
| DPS1200-36 | 45000 | 0-1200 | 0-36 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 9U |

DPS SERIES - DC POWER SUPPLIES

DPS SERIES SYSTEMS - 60kW

| MODEL | RATED POWER (W) | VOLTAGE (V) | CURRENT (A) | INPUT POWER | HEIGHT |
|------------|-----------------|-------------|-------------|---|--------|
| DPS20-3000 | 60000 | 0-20 | 0-3000 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 12U |
| DPS40-1500 | 60000 | 0-40 | 0-1500 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 12U |
| DPS80-750 | 60000 | 0-80 | 0-750 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 12U |
| DPS100-600 | 60000 | 0-100 | 0-600 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 12U |
| DPS150-400 | 60000 | 0-150 | 0-400 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 12U |
| DPS300-200 | 60000 | 0-300 | 0-200 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 12U |
| DPS600-100 | 60000 | 0-600 | 0-100 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 12U |
| DPS1000-60 | 60000 | 0-1000 | 0-60 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 12U |
| DPS1200-50 | 60000 | 0-1200 | 0-50 | 3 ϕ , 208/400/440/480Vac, 47-63 Hz | 12U |

Service and Support

Adaptive Power Systems' customer support is second to none. Our Customer Support Program provides the training, repair, calibration, and technical support services that our customers value. So, in addition to receiving the right test equipment, our customers can also count on excellent support before, during and after the sale. With company owned support and service centers around the world, support is never far away.

New Product Warranty: AC Sources & Loads: 1 year, DC Power Supplies: 2 years.

Complete calibration and repair services are offered at our US, European and Chinese manufacturing facilities (see contact info below). Calibrations are to original factory specifications and are traceable to NIST (National Institute of Standards and Technology).

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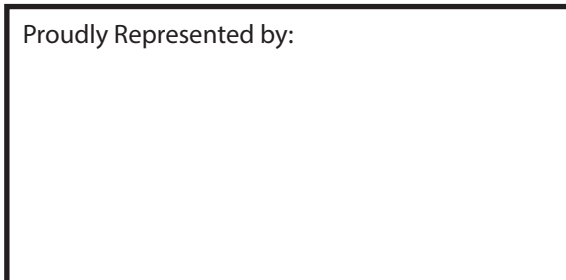
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