

New High-Power ATE System Power Supplies

Configuration Guide



Products Included in Launch

Power Without Compromise



RP5900 DC Regenerative Power Supply

- Highly dense, 6kW in 1U, 12kW in 2U
- 80V, 500V & 800V
- 8A – 240A
- Two quadrant mode source and regenerative load
- PW software supports power analysis and battery emulator/profiler

DP5700 DC Power Supply

- Highly dense, 5kW in 1U
- 10V – 600V
- 2.6A – 500A
- Removable SD Card
- Internal resistance programming
- V/I Slew-Rate control
- Arbitrary waveform generator
- Power priority (CP) mode

EL4900 DC Regenerative Electronic Load

- Highly dense, 6kW in 1U, 12kW in 2U
- 80V, 500V & 800V
- 8A – 240A
- Regenerative power back to grid
- PW software supports power analysis

Introducing our New Regenerative Portfolio

RP5900 DC Regenerative Power Supply

EL4900 DC Regenerative Electronic Load



Key Value and Benefits

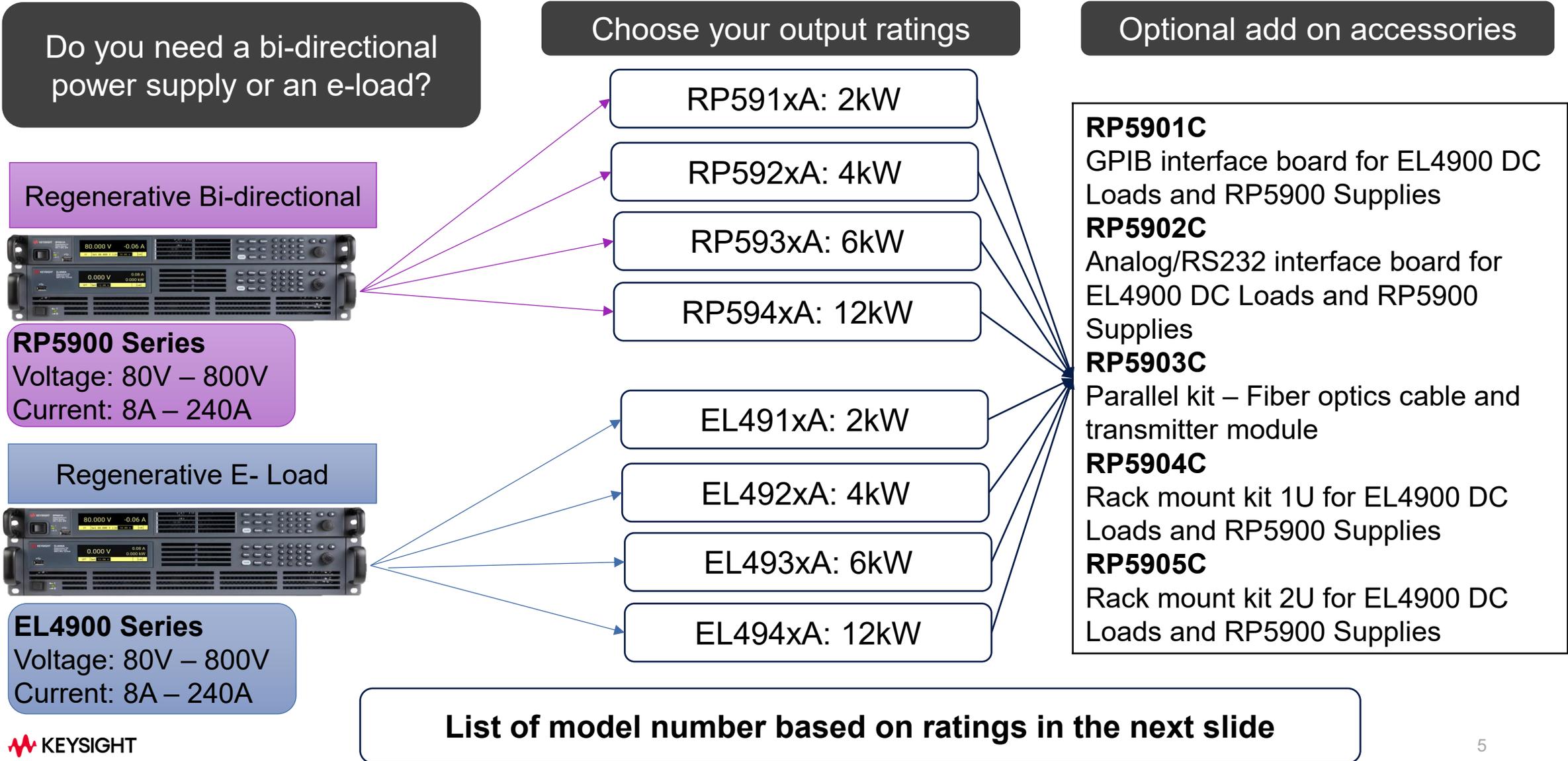
- 2kW to 12kW Power Range, up to 800V, and up to 240A
- High density of up to 1U/6kW
- 3-inch LCD display
- Front USB Host connector
- Stackable parallel connections up to 96kW (16 units)
- Regenerative power back to grid reduces electricity cost when current sinking
- Built-in arbitrary waveform generation
- Support industrial interface GPIB, USB, LAN, CAN, Analog, RS232, WebGUI interface
- PathWave BenchVue supports power analysis and battery emulator/profiler
- 3 phase input

Product Structure (RP5900 & EL4900)

Power	Model	Description
2kW	RP591xA	Regenerative DC Power Supply, x V, x A, 2kW (Voltage range 80V – 800V; Current Range 8A – 40A)
4kW	RP592xA	Regenerative DC Power Supply, x V, x A, 4kW (Voltage range 80V – 800V; Current Range 16A – 80A)
6kW	RP593xA	Regenerative DC Power Supply, x V, x A, 6kW (Voltage range 80V – 800V; Current Range 24A – 120A)
12kW	RP594xA	Regenerative DC Power Supply, x V, x A, 12kW (Voltage range 80V – 800V; Current Range 48A – 240A)

Power	Model	Description
2kW	EL491xA	Regenerative DC Electronic Load, x V, x A, 2kW (Voltage range 80V – 800V; Current Range 8A – 40A)
4kW	EL492xA	Regenerative DC Electronic Load, x V, x A, 4kW (Voltage range 80V – 800V; Current Range 16A – 80A)
6kW	EL493xA	Regenerative DC Electronic Load, x V, x A, 6kW (Voltage range 80V – 800V; Current Range 24A – 120A)
12kW	EL494xA	Regenerative DC Electronic Load, x V, x A, 12kW (Voltage range 80V – 800V; Current Range 48A – 240A)

How to order (RP5900 & EL4900)



List of Model Numbers for Regenerative Portfolio

Choose the model numbers based on the power and voltage ratings

Model	V	I (A)	kW
RP5913A	80	40	2
RP5923A	80	80	4
RP5933A	80	120	6
RP5943A	80	240	12
RP5915A	500	12	2
RP5925A	500	24	4
RP5935A	500	36	6
RP5945A	500	72	12
RP5916A	800	8	2
RP5926A	800	16	4
RP5936A	800	24	6
RP5946A	800	48	12

Model	V	I (A)	kW
EL4913A	80	40	2
EL4923A	80	80	4
EL4933A	80	120	6
EL4943A	80	240	12
EL4915A	500	12	2
EL4925A	500	24 A	4
EL4935A	500	36 A	6
EL4945A	500	72 A	12
EL4916A	800	8A	2
EL4926A	800	16 A	4
EL4936A	800	24 A	6
EL4946A	800	48 A	12

- Accessories are optional
- No hardware option required as all are standardized based on individual PN with no power cord included for 3 phase inputs models. Users will need to supply their own, depending on the local laws and codes of the country / region where the power supply will be used.

**5kW Models Coming
13th Jan 2026**

Introducing our New DC Power Supply

DP5700 DC Power Supply

Key Value and Benefits

- 1.5kW to 5.0kW Power Range, up to 600V, and up to 500A
- High density of 1U half rack for 1.5kW and 1U full rack for 3.4kW & 5kW.
- Power priority (CP), Voltage priority (CV) & Current Priority (CC) modes enabled
- Built-in arbitrary waveform generation
- Programmable internal resistance
- Adjustable V/I Slew-Rate control
- Optional removable SD Card enablement for added security
- PathWave BenchVue Power Supply Software supports remote control
- Built-in USB, LAN/LXI, GPIB, WebGUI interface
- Single phase & 3-phase input



Product Structure

Power	Model	Description
1.5 kW	DP572xA & DP573xA	DC Power Supply x V, x A, 1500W; half-rack, In 1ph 100 - 240 Vac (Voltage range 10V – 600V; Current Range 2.6A – 150A)
3.4 kW	DP574xAS & DP575xAS DP574xAL & DP575xAL DP574xAH & DP575xAH	DC Power Supply x V, x A, 3400W, In 1ph 200 - 240 Vac DC Power Supply x V, x A, 3400W, In 3ph 200-240 VAC DC Power Supply x V, x A, 3400W, In 3ph 380 - 480 VAC (Voltage range 10V – 600V; Current Range 5.6A – 340A)
5 kW	DP576xAL & DP577xAL DP576xAH & DP577xAH	DC Power Supply x V, x A, 5000W, In 3ph 200-240 VAC DC Power Supply x V, x A, 5000W, In 3ph 380 - 480 VAC (Voltage range 10V – 600V; Current Range 8.5A – 500A)

**Coming
13th Jan 2026**

- S representing single phase
- L representing low 3 phase (200-240 VAC)
- H representing high 3 phase (380 - 480 VAC)

How to order (DP5700 Series)

Choose your output ratings

1.5kW



Voltage: 10V – 600V
Current: 2.6A – 150A

3.4kW



Voltage: 10V – 600V
Current: 5.6A – 340A

5kW

COMING on January 13 2026



5kW: Voltage: 10V – 600V
Current: 8.5A – 500A

What is your AC Input?

DP572xA/3xA
1-phase
100 VAC to 240 VAC

DP57xxAS
1-phase
200 VAC to 240 VAC

DP57xxAL
3-phase
200 VAC to 240 VAC

DP57xxAH
3-phase
380 VAC to 480 VAC

Optional add on accessories

DP5701A

Rack Mount Kit for DP5700 1.5kW models

N5740A

Rack Mount Kit for DP5700 3.4kW models

DP5705A

Removable SD Memory Option

List of Model Numbers for DC Power Supply Portfolio (Part 1/2)

Choose the model numbers based on the power and voltage ratings. Accessories are optional.

Model	Power (W)	Maximum Voltage (V)	Maximum Current (A)	Model	Power (W)	Maximum Voltage (V)	Maximum Current (A)
DP5721A	1500	10	150	DP5741AS/L/H	3400	10	340
DP5722A		20	75	DP5742AS/L/H		20	170
DP5723A		30	50	DP5743AS/L/H		30	112
DP5724A		40	38	DP5744AS/L/H		40	85
DP5726A		60	25	DP5746AS/L/H		60	56
DP5728A		80	19	DP5748AS/L/H		80	42
DP5730A		100	15	DP5750AS/L/H		100	34
DP5731A		150	10	DP5751AS/L/H		150	22.5
DP5733A		300	5	DP5753AS/L/H		300	11.5
DP5736A		600	2.6	DP5756AS/L/H		600	5.6

- Accessories are optional
- No hardware option required as all are standardized based on individual PN with no power cord included for 1 phase & 3 phase inputs models. Users will need to supply their own, depending on the local laws and codes of the country / region where the power supply will be used.
- 3 phase models will need to select AL or AH model based on AC input voltages as stated in slide 9.

List of Model Numbers for DC Power Supply Portfolio (Part 2/2)

Choose the model numbers based on the power and voltage ratings. Accessories are optional.

Model	Power (W)	Maximum Voltage (V)	Maximum Current (A)
DP5761AL/H	5000	10	500
DP5762AL/H		20	250
DP5763AL/H		30	170
DP5764AL/H		40	125
DP5765AL/H		50	100
DP5766AL/H		60	85
DP5768AL/H		80	65
DP5770AL/H		100	50
DP5771AL/H		150	34
DP5772AL/H		200	25
DP5773AL/H		300	17
DP5774AL/H		400	13
DP5775AL/H		500	10
DP5776AL/H		600	8.5

- Accessories are optional
- No hardware option required as all are standardized based on individual PN with no power cord included for 1 phase & 3 phase inputs models. Users will need to supply their own, depending on the local laws and codes of the country / region where the power supply will be used.
- 3 phase models will need to select AL or AH model based on AC input voltages as stated in slide 9.

