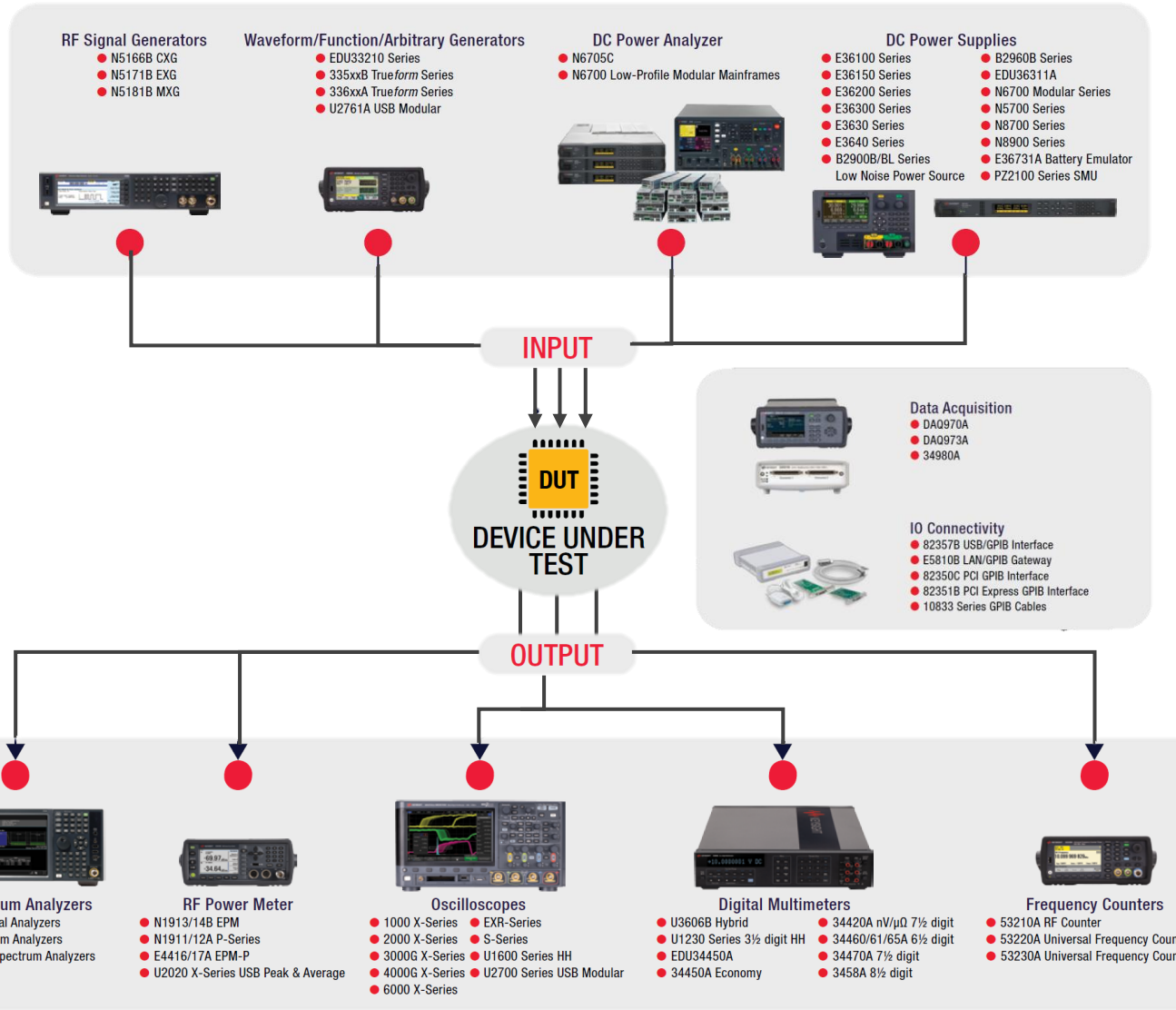
KEYSIGHT

New High-Power ATE System Power Supplies

Customer Viewable Slide

Enhancing our ATE Power Portfolio



DP5700 DC Power Supply

RP5900 DC Regenerative Power Supply

EL4900 DC Regenerative Electronic Load

Introducing New High-Power ATE System Power Supplies Products

Advance Features

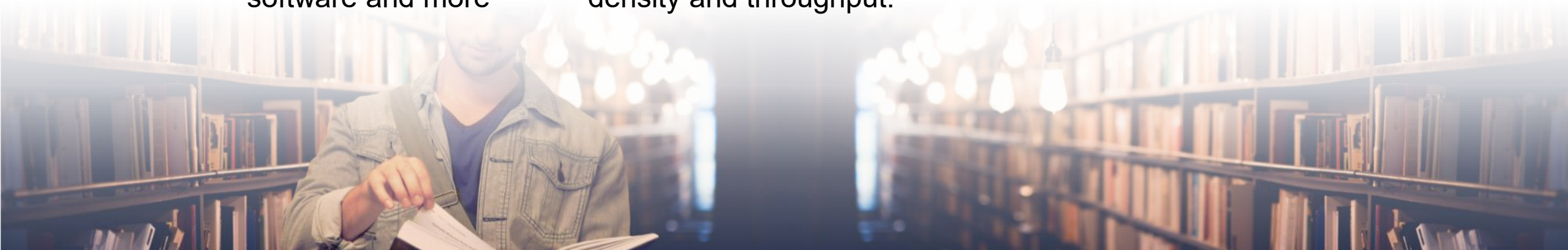
- Built in arbitrary waveform generator with companion software and more

Compact

- High density ideal for ATE racking.
- More units per rack enable higher channel density and throughput.

KeysightCare included

- Committed access to technical experts and 24/7 online knowledge center



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, 1.5kW in ½ rack 1U & 3.4kW in 1U
- 10V – 600V
- 2.6A – 340A
- 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 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

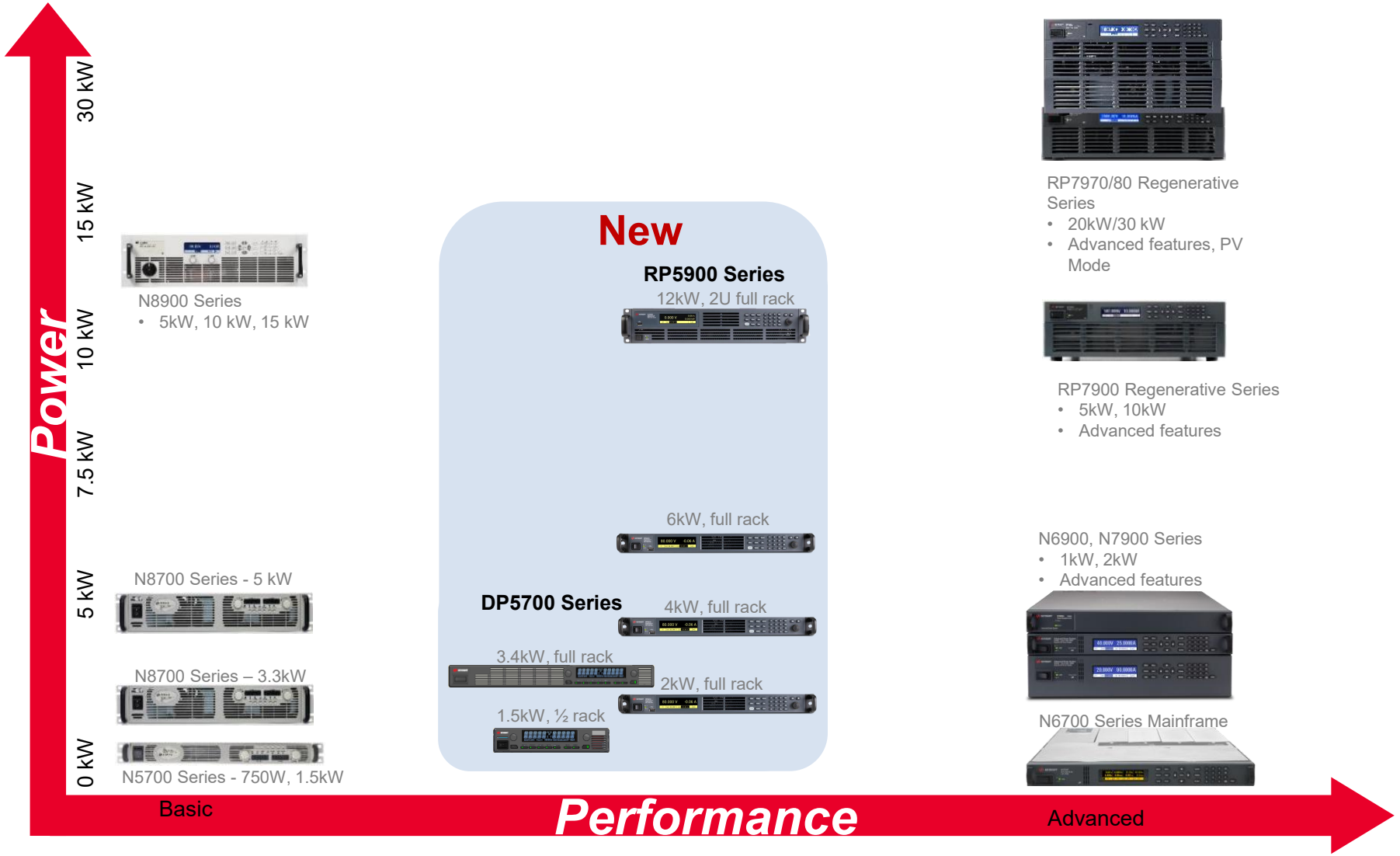
Introducing our New DC Power Supply

DP5700 DC Power Supply

Key Value and Benefits

- 1.5kW to 3.4kW Power Range, up to 600V, and up to 340A
- High density of 1U half rack for 1.5kW and 1U full rack for 3.4kW.
- 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

Keysight ATE Power Supply Offerings



Keysight Electronic-load Offering

Power

30kW

10 kW

5 kW

1 kW

0.1 kW

New

EL4900 Series

12kW, 2U full rack

6kW, full rack

4kW, full rack

2kW, full rack

RP7970/80 Regenerative Series
- 20kW/30 kW
- Advanced features, PV Mode

RP7900 Regenerative Series
- 5kW, 10kW
- Advanced features

N3300 Series
1800W, Load Mainframe
Modules from 150W – 600W

N6900, N7900 Series with N7909A sink box
- 1kW, 2kW
- Advanced features

EL3000 Series
250W. 300W

N6700 Series Mainframe
N6790A Modules, 100W & 200V

Basic

Performance

Advanced

Expanding our latest NPI with Pathwave App supportability

PathWave Advanced Power Control and Analysis App
PW9252A

- N6705C DC Power Analyzer
- N7900 Series Advanced Power Supplies
- N6900 Series Advanced Power Supplies
- RP7900 Regenerative Power System
- E36150 Series Autoranging Benchtop Power Supply

COMING SOON
- *NPI – RP5900 Regenerative DC Power Supply*
- *NPI – EL4900 Regenerative Electronic Load*

PathWave Advanced Battery Test and Emulation App
PW9253A

- N6700C Low-Profile Modular Power System
- N6705C DC Power Analyzer
- N7900 Series Advanced Power Supplies
- RP7900 Regenerative Power System
- E36731A Battery Emulator and Profiler
- DAQ970A / DAQ973A Data Acquisition System

COMING SOON
- *NPI – RP5900 Regenerative DC Power Supply*

KEYSIGHT