

Seron SE.10.36.00 Series Programmable Platform

For power sourcing, instrumentation, and measurement

One Instrument, Infinite Possibilities

- Sourcing and measurement capabilities up to 36VDC and 16A.
- Programmable output through user-defined waveforms.
- Constant Power (CP) mode for variable loads (e.g., open-loop temperature control).
- Minimalistic design for an intuitive user experience.

High Resolution for Precision Applications

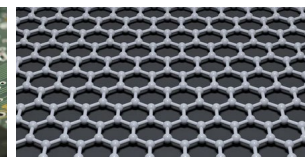
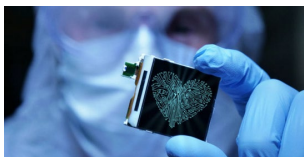
- Sourcing and measurement resolution of 1 mV and 1 mA.
- External Sensing for accurate sourcing and measurement.

PC Software Interface for Instrumentation, Control, and AI Implementation

- Reducing convergence time for repeated excitations with CP mode by programming memory.
- PC software for interfacing user-developed AI models (e.g., machine learning models) enabling the device as a controller for loads with non-linear or complex characteristics.

Create and Innovate: From Academia to Industry

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|-------------------|--------------------|-------------------------|-----------------------------------|---------------|
| • Biomedicine | • Electrochemistry | • Batteries | • Nanotechnology and Microsystems | • Actuators |
| • Optical Devices | • Supercapacitors | • Electronic Components | • Power Management | • Controllers |



Range of Cost-Effective Options for Your Needs

Model	Max Output			Resolution (Source/Measurement)	PC Programmability
	Voltage (V)	Current (A)	Power (W)		
SE.11.36.08	36	8	288	1 mV, 1 mA	N/A
SE.11.36.16	36	16	576	1 mV, 1 mA	N/A
SE.12.36.08	36	8	288	1 mV, 1 mA	Yes
SE.12.36.16	36	16	576	1 mV, 1 mA	Yes

PC Software Interface

- **Seron Companion:** For sourcing, measuring, and logging voltage, current, and power with pre-defined waveforms (e.g., sine, ramp, step, etc.) and user-defined waveforms.

Let the SE.10.36.00 Series power your innovations.

Learn more at: www.seronelectronics.com

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Designed and manufactured in Canada.



The information presented in this document is subject to change without notice.

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