

SE.1X SERIES PROGRAMMABLE POWER PLATFORM

DATASHEET

SE.1X PROGRAMMABLE POWER 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 **1mV and 1mA**
- **External Sensing** for accurate sourcing and measurement

PC Software Interface for Instrumentation, Control, and AI Implementation

- **Reduce 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**

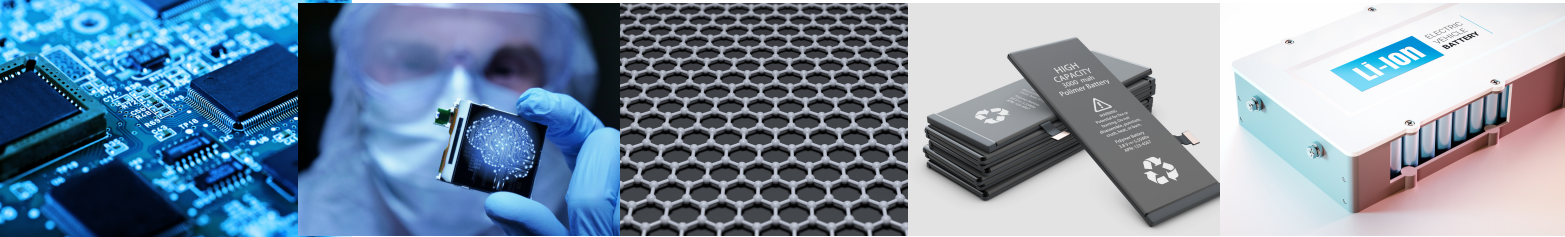
Boundless Potential, Compact Design

Size: 350 x 180 x 200 mm

Weight: 8 kg

Applications: Create & Innovate from Academic to Industry

- Biomedicine
- Optical Devices
- Electrochemistry
- Material Design
- Supercapacitors
- Batteries
- Electronic Components
- Instrumentation
- Actuators
- Controllers
- Nanotechnology & Microsystems
- Power Management



Models: 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	1mV, 1mA	N/A
SE.11.36.16	36	16	576	1mV, 1mA	N/A
SE.12.36.08	36	8	288	1mV, 1mA	Yes
SE.12.36.16	36	16	576	1mV, 1mA	Yes



CONTACT INFORMATION

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