AMETEK SI

# SI-6200 battericykler / analysator

## Battery cycler / analyzer

Modular system for battery materials, supercapacitors and micro fuel cells with impedance analysis on every channel.



| Measurement channels per module | Applied voltage per channel | Maximum output current |
|---|---|---|
| **10** [1] | **−3 V to +10 V** [1] | **±200 mA per channel** [1] |

## Specifications

### MEASURING RANGE

| | | |
|---|---|---|
| Applied voltage per channel | −3 V to +10 V | [1] |
| EIS frequency range | 1 mHz–20 kHz | [1] |

### ELECTRONICS & SIGNAL

| | | |
|---|---|---|
| Measurement channels per module | 10 | [1] |
| Maximum output current | ±200 mA per channel | [1] |
| Current with parallel channels | ±2 A | [1] |
| Voltage and current converters | 24-bit ADCs | [1] |
| Channels per cabinet | Up to 120 (12 modules) | [1] |

### SOFTWARE & DATA

| | | |
|---|---|---|
| Software | Aspire Energy | [1] |

### POWER & BATTERY

| | | |
|---|---|---|
| Regenerative power supply | No | [1] |

### GENERAL

| | | |
|---|---|---|
| EIS capability | Built in on every channel, not multiplexed | [1] |
| Maximum data acquisition rate | 1,000 S/s on all channels | [1] |

## Sources

[1] **SI-6200 Battery Cyclers / Analyzers**
AMETEK Scientific Instruments · product-page · product page · checked 2026-10-16
https://www.ameteksi.com/products/battery-cycler/si-6200

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.