AMETEK SI

VersaSTAT4A

Single-channel potentiostat / galvanostat

A single-channel platform for advanced electrochemical measurements. Floating, isolated measurement supports grounded cells such as fuel cells, electrolyzers and corrosion environments.



Measurement channels	Compliance voltage
1 [1]	**±12 V** [2]

Specifications

PERFORMANCE

Applied voltage accuracy	±0.2% of value ±2 mV	[2]

MEASURING RANGE

Minimum current range, standard	±4 nA	[1]
EIS frequency range	10 µHz–1 MHz with optional FRA	[1]
Polarization voltage	±10 V	[2]

ELECTRONICS & SIGNAL

Measurement channels	1	[1]
Maximum output current	±2 A internal	[1]

SOFTWARE & DATA

Software	VersaStudio included	[2]

CONNECTIVITY & INTERFACE

Cell connections	2, 3 or 4 terminals plus ground	[2]

ENVIRONMENT & RATINGS

Compliance voltage	±12 V	[2]

ORDERING & ACCESSORIES

External current booster	20 A booster not available	[1]
Low-current option	VersaSTAT-LC: ±4 pA range, 122 aA resolution (option)	[1]

GENERAL

Maximum data acquisition rate	500 kS/s	[1]
Floating measurement / isolation	User-selectable: floating (isolated) or grounded	[2]

Sources

[1] **VersaSTAT4A Potentiostat Galvanostat**
AMETEK Scientific Instruments · product-page · product page – Single Channel Potentiostats; product page; Differentiated Specifications – VersaSTAT4/4A column · checked 2026-10-16
https://www.ameteksi.com/products/potentiostats/single-channel/versastat-series/versastat4a

[2] **VersaSTAT-A Series Potentiostat and Galvanostat**
AMETEK Scientific Instruments · brochure · p. 3; p. 2 · checked 2026-10-16
https://www.ameteksi.com/-/media/ameteksi/download_links/documentations/versastat-3a_4a/versastat-series-bro...

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.