AMETEK SI · SOLARTRON ANALYTICAL

BOOST12V20A

Current booster

OST12V20A by Solartron Analytical. Current booster. Required eq uipment and compatibility: Solartron: ModuLab XM ECS / En ergyLab XM / EchemLab XM / SolarLab XM / CellTest.



Maximum current

±20 A [1]

Specifications

utput voltage range	−3 to +12 V	[1]
Maximum current	±20 A	[1]
EIS bandwidth	10 µHz–100 kHz	[2]
Measurement ranges	Defined by host potentiostat	[1]
Compatible hosts	Solartron ModuLab XM ECS / EnergyLab XM / EchemLab XM / SolarLab XM, 1287A / 1285A / 1280Z, CellTest 1470E	[1]
Format	External booster	[1]

Sources

[1] **Solartron Power Boosters**
AMETEK Scientific Instruments · product-page · Solatron Analytical Power Boosters table; Differentiated Specifications; Differentiated Specifications – Cell Cables; Hardware Compatibility · checked 2026-10-16
https://www.ameteksi.com/products/electrochemical-accessories/power-boosters/high-power-boosters

[2] **Power Boosters – Charge/discharge 12V20A 24V10A 50V5A 100V3A, Discharge only 50V25A**
AMETEK Scientific Instruments · datasheet · p. 1 (bullets and impedance section) · checked 2026-10-16
https://www.ameteksi.com/-/media/ameteksi/download_links/documentations/powerboosters/power-boosters.pdf?rev...

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.