

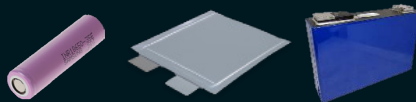
Inspectrum.10-5 ES

MUX8

8-Channel Multiplexer

- Fast and cost-effective battery characterization
- 8 current, voltage and temperature channels
- Switching time < 500 ms
- Plug-and-Play integration with Inspectrum.C 105
- Small footprint and maintenance-free design
- Cell String Measurement (max. 60 V)
- Single Cell Measurement (0-5 V)

For all cell geometries



For all cell chemistries



SAFION

+49 241 47592124

www.safion.de

info@safion.de

Schedule a demo!



SYSTEM OVERVIEW



USB

PC

Mode A: Stand-alone



Inspectrum.10-5 ES

Mode B: Integrated



MUX8

Current
Voltage
Temperature

Battery Cycler

CAN

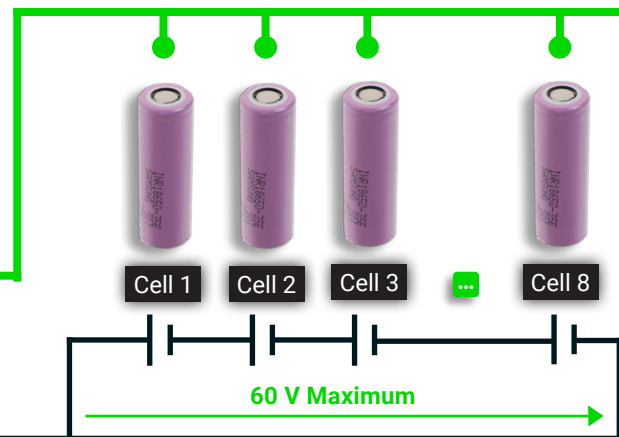
SPECIFICATIONS

Parameter	Value
Multiplexed EIS Channels	8
Multiplexed Temperature Input	Yes
Channel Switching Time	<0.5s
Interface	Proprietary, directly connected to Inspectrum.C
Power Supply	Directly from Inspectrum.C
Casing (W x D x H)	280 x 240 x 170 mm
Ambient Temperature	+10°C to +30°C

OPERATING VIEW



CELL STRING CHARACTERIZATION



SINGLE CELL CHARACTERIZATION

