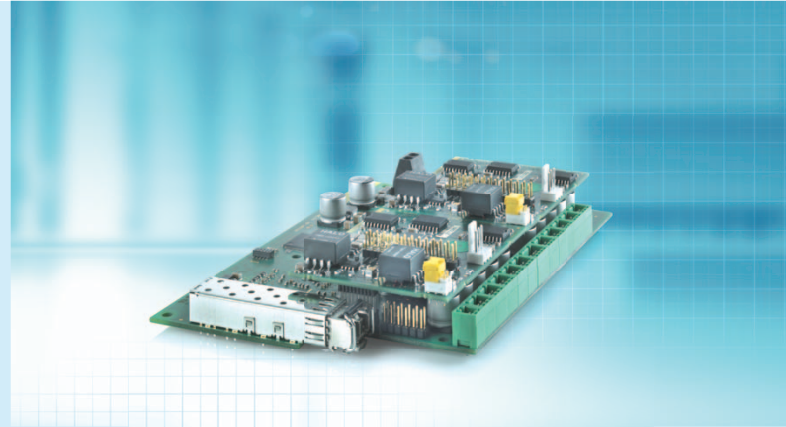# DS2907 Battery Simulation Controller

Power supply unit for battery simulation

Highlights

- Supports different power supply units for battery simulation
- Wiring simplified by adapter

Application

The DS2907 Battery Simulation Controller is used to control the current and voltage values of battery simulation in a SCALEXIO system. Control is performed by software.

Two battery simulation modules can be plugged onto the DS2907 to support up to two power supply units from different manufacturers like TDK-Lambda and Delta. Other power supply units can also be used.

Supported Power Supply Units

Two adapter modules are available for easier connection and wiring of different power supply units.

No slot is needed for mounting it in SCALEXIO. An optical IOCNET connection acts as an internal interface.

Battery Simulation Adapter Module	Supported Power Supply Units
DS2907M1 Adapter Module	■ TDK-Lambda Genesys 20V76A
	■ TDK-Lambda Genesys 40V38A
	■ TDK-Lambda Genesys 60V25A
DS2907M2 Adapter Module	■ Delta SM35/45 (with RS232 option – P183)[1]
	■ Delta SM15/100 (with RS232 option – P183)[1]

[1] Example of custom-specific solution. Further power supplies can be supported on request.

Order Information

Product	Order Number
DS2907 Battery Simulation Controller (Base Board)	■ DS2907
DS2907M1 Adapter Module for TDK-Lambda power supply units	■ DS2907_M1
DS2907M2 Adapter Module for Delta power supply units	■ DS2907_M2