



# High Power Test Systems

Test power supplies

Bidirectional power supplies for testing and simulating batteries, fuel cells, drives and further components.

**NEW**  
up to  
1200 V / 1200 A  
1500 V / 800 A



# The proven test system with up to 1200 V & 1200 A // 1500 V & 800 A

Outstanding properties and a wide range of design variants:

- Various input voltages, highest safety standard
- Simple integration through various interfaces
- Many other options available (depending on series)  
e.g. insulation monitoring, battery emulator / tester selectable, paralleling up to 4 systems, different protection classes, overload capability



CUSTOMIZED  
LINE

## Single-channel system: I-TS 3870

Model	Voltage	Current	Power
I-TS-3870-1200-320-600	10 – 1200 V	± 600 A	± 320 kW
I-TS-3870-1200-320-1200	10 – 1200 V	± 1200 A	± 320 kW
I-TS-3870-1200-650-1200	10 – 1200 V	± 1200 A	± 650 kW
I-TS-3870-1500-250-800	10 – 1500 V	± 800 A	± 250 kW
I-TS-3870-1500-400-800	10 – 1500 V	± 800 A	± 400 kW

## Two-channel system: MI-TS 3871

Model	Voltage	Current / channel	Current parallel	Power
MI-TS-3871-1200-320-600-2	10 – 1200 V	± 600 A	± 1200 A	± 320 kW
MI-TS-3871-1200-320-1200-2	10 – 1200 V	± 1200 A	± 2400 A	± 320 kW
MI-TS-3871-1200-650-600-2	10 – 1200 V	± 600 A	± 1200 A	± 650 kW
MI-TS-3871-1200-650-1200-2	10 – 1200 V	± 1200 A	± 2400 A	± 650 kW
MI-TS-3871-1500-400-800-2	10 – 1500 V	± 800 A	± 1600 A	± 400 kW

STANDARD  
LINE

## Flex-channel system: I-TS 3872 (3 level-converter, integrated water-cooled system)

Model	Voltage	Current / channel	Current parallel	Power
I-TS-3872-1500-300-1000	10 – 1500 V (2x 750 V)	± 1000 A	± 2000 A	± 300 kW
I-TS-3872-1500-600-1000	10 – 1500 V (2x 750 V)	± 1000 A	± 2000 A	± 600 kW

## Single-channel system: I-TS 3840

Model	Voltage	Current	Power
I-TS-3840-1500-260-800	10 – 1500 V	± 800 A	± 260 kW
I-TS-3840-1500-400-800	10 – 1500 V	± 800 A	± 400 kW
I-TS-3840-1200-320-1200	10 – 1200 V	± 1200 A	± 320 kW
I-TS-3840-1200-650-1200	10 – 1200 V	± 1200 A	± 650 kW

The complete portfolio from 80 V DC to 1500 V DC and from 60 kW to 650 kW as well as more detailed information can be found in our catalog, which you can download using this QR code.



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