



PRODUCT INFORMATION

BTS - BATTERY CELL TEST SYSTEM

For automatic testing of cells/batteries with currents of up to 500 A

ECS

*...weil es uns Spaß macht, das
Unmögliche zu tun.*

*Preise und weitere Infos auf unserer
Homepage*

www.ecs-online.org

Oder telefonisch:

06507 - 9989954

E-Mail: mail@ecs-online.org

ECS

Electronic Construction Service

Am Wenigerflur 14

54498 Piesport

Our BATTERY CELL TEST SYSTEM is used to test, charge and discharge new or used cells/batteries. The test process is completely automatic after configuration. Our BTS system is controlled via Ethernet and can be used mobile, thanks to mounted heavy-duty rollers.

The PC software is able to record the complete charging and discharging process. A test log is generated at the end of the test. The user can create its own test batch files.



Product Features and Benefits

Measuring possibilities:

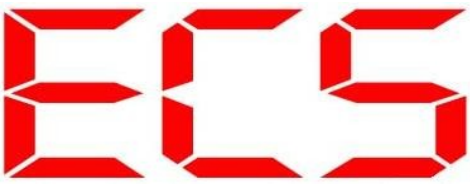
- Capacity
- Internal resistance
- Efficiency
- Cycle test
- Single cells or batteries

Communication:

- Ethernet, DHCP Server
- RS485

Other features:

- 2 Voltage measuring ranges: 0 - 10 V , 0 - 30 V
- Voltage monitoring by Sense line
- Safety limitation for discharge current and discharge voltage in the hardware
- Temperature
- Charging and discharge current monitoring

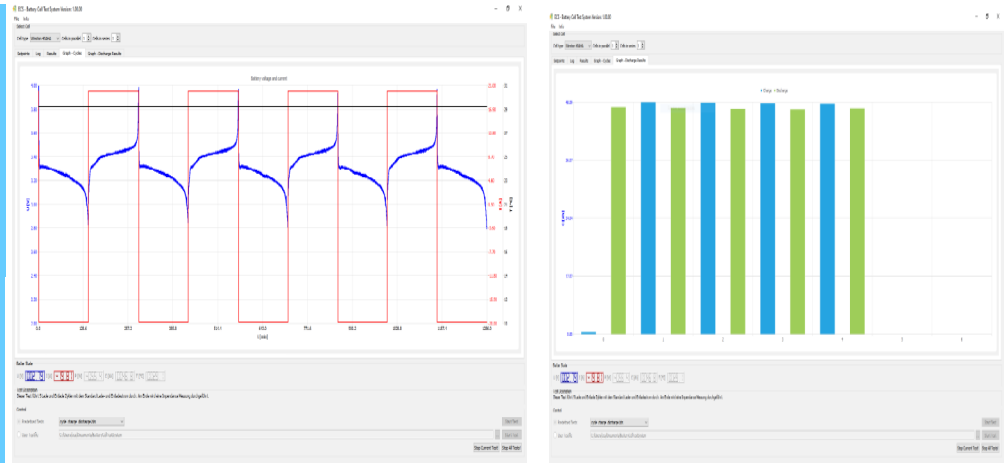


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Technical data:			
	BTS125	BTS250	BTS500
Max. Charge Current	125 A	250 A	500 A
Max. Disscharge Current	125 A	250 A	500 A
Charge Voltage	0V-10 / 0-30 V	0-10 V / 0-30 V	0-10 V/ 0-30 V
Tolerance voltage measurement	0-10 V: 0,05% FS 0-30 V: 0,5% FS	0-10 V: 0,05% FS 0-30 V: 0,5% FS	0-10 V: 0,05% FS 0-30 V: 0,5% FS
Tolerance Current Measurement	0,5% 0,05% (Optional)	0,5% 0,05% (Optional)	0,5% 0,05% (Optional)
Current Ripple (CC Mode)	< 45mA (rms)	< 45 mA (rms)	< 45 mA (rms)
Voltage Ripple (CV-Mode)	< 6mV (rms)	< 6mV (rms)	< 6mV (rms)
Grid Voltage	Y 3x230/400 V	Y 3x230/400 V	Y 3x230/400 V
Cooling	Controlled fans	Controlled fans	Controlled fans
Weight	100 kg	150 kg	300 kg
Dimensions (mm)	1160 x 800 x 800	1160 x 800 x 800	1160 x 1600 x 800
Power Plug	CEE 16	CEE 16	CEE 16
Price (EUR)	12.000 + VAT	17.000 + VAT	33.500 + VAT
Option (High Precision Current Measurement)	500 + VAT	500 + VAT	500 + VAT

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