

Universal Battery Tester

ME Series



- For Testing Automotive and Other Types of Batteries
- Life Cycle and Capacity Testing
- Current Range: 30 to 150 A
Voltage Range: 5 to 60 V
- Current Range Switching and Paralleling of Circuits
- Fast, Reliable Solid State Switching
- Data Logger Systems via CAN-Bus
- Plug-In Power Modules for Ease of Service
- Compact Design with Front-to-Back Cooling Requires Less Floor Space



- Controlled by Battery Manager or BTS-600 PC Software

General Data

Control Interface:	BTS
PC Software:	Battery Manager or BTS-600
Accuracy:	± 0.1 % Full Scale
Resolution:	± 15 Bit
Data Acquisition Rate:	10 ms
Rise Time:	< 10 ms
Fast Mode Switching:	< 50 ms
Input Power Supply:	3-phase, 50/60 Hz
Ambient Temperature:	10–40°C (50–104°F)



Individual Technical Data

Model Designation	Current per Circuit [A]	Voltage Charge [V]	Voltage Discharge [V]	Number of Circuits	Cabinet Size	Power Supply [kVA]
UBT 30-18-5	0.03-30	5-18	15-5	5	S	4
UBT 30-18-10	0.03-30	5-18	15-5	10	S	8
UBT 50-18-5	0.05-50	10-18	15-5	5	S	8.1
UBT 50-18-10	0.05-50	10-18	15-5	10	M	16.2
UBT 100-18-5	0.1-100	10-18	15-5	5	M	15
UBT 100-18-10	0.1-100	10-18	15-5	10	L	30
UBT 150-18-5	0.15-150	10-18	15-5	5	M	23
UBT 30-60-5	0.03-30	10-60	60-5	5	M	12.5
UBT 50-60-5	0.05-50	10-60	60-5	5	M	20
UBT 100-60-3	0.1-100	10-60	60-5	3	M	24

Other current and voltage ranges available on request.



Cabinets

Size	Dimensions H x W x D [mm]	Output max. DC Current [A]
S	1100 x 670 x 850 (43.3" x 26.4" x 33.5")	600
M	1950 x 670 x 850 (76.8" x 26.4" x 33.5")	1200
L	2250 x 670 x 850 (88.6" x 26.4" x 33.5")	1200

Options

High Speed Data Acquisition and Control
Single Cell Operation
Additional Voltage, Temperature, Analog Inputs
Inputs for Reference Electrodes
I/O for Auxiliary Devices
RS-232, CAN Interface



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