

Technical Data for Battery Testing Equipment: 10V/10A x 2 Circuits (UBT 10-10-2 ME)

Input Mains Voltage	415V, 3 Phase, 4 Wire, 50Hz
Tester configuration	5V, 20A Chg - Dch: 2 Circuits 2 Circuits built in One cabinet <ul style="list-style-type: none"> • DC Output cable with 6 Mtr cable length along with sense wires will be supplied for each circuit (Optional) • AD 590 Temperature probe will be provided for each circuit (Optional).
Input kVA	KVA: Approx. 1.0 KVA (MAX), Input Current: 2 Amps
Type of tester	Linear Transistor Control / CAN-LC (Dissipative type)
Charge & Discharge Voltage Range	Charge Mode: 0 to 10V Discharge Mode: 10 to 0V
Charge & Discharge Current Range	Circuit 1-2: 0.01 to 20A Chg – Dch Circuit 1-2: 0 to 20A Chg in case of Constant Voltage Charge
Accuracy Current / Voltage	+/- 0.1 % of full scale
Accuracy specified in the range of 1% to 100% of Full-Scale value of Current & Voltage	
Controller for each circuit	CAN-LC /ME
Resolution	+/-15 bit
Data Acquisition Rate	100 msec
Current rising time (10% to 90% of Full scale)	10 msec
Switching time between CHA & DCH	20 msec
Test Function	Charge, Discharge, Interrupt, Cycles, Pause
Computer Software	Battery Manager Software , BM4 (Dedicated software for Laboratory Battery Testing Purpose)
Control Parameter	Constant Current, Constant Voltage, Constant Power, Constant Resistance, Table Operator
Step Termination variables	Time, Amp-Hour, Watt-Hour, temperature, End Voltage
Data registration format	Time, voltage, Temp, Amp Hour, Watt-hour
Paralleling of circuits	Possible, paralleling of circuit at output is possible

Cabinet	
Panel color	Dark Grey, RAL-7016
Protection class	IP-20
Ambient Temp & Relative Humidity	10 to 40 Deg C, 90% RH
Installation	Indoor, Tester shall be kept inside the room (Test Lab). Test Lab. Shall be free from dust & acidic fumes
Dimensions	1250 x 700 x 850 mm (H x W x D)
BATTERY CONNECTION	
No. of batteries or Cells per circuit	Suitable for Single 10V Cell to each circuit.
DC Output cables	(Optional)
DC Output cables with sense wires (Optional)	DC Output cable with 6 Mtr cable length along with sense wires will be supplied for each circuit
Temperature Probe	(Optional)
Temperature Measuring range	-40 Deg. Cel to 100 Deg.Cel
Type of Sensor (Optional Quote)	AD 590,Square Flange 8x8mm Mounting hole Ø=4,5mm & 6 Mtr temperature compensated cable
Temp. Accuracy	+/-1 Deg.Cel