

# TEKON 950 BATTERY TESTER

## BT11950

- Designed to make technicians field service maintenance effortless, the Tekon 950 has multiple advantages over its competition.
- Being an impedance meter allows the Tekon 950 to produce fast and accurate results.
- These results can be effortlessly transmitted to remote data holding locations using a mobile app while onsite.
- All results are effectively recorded and stored, and there is no risk of lost data.
- The Tekon 950 can offer service teams more efficiency and productiveness onsite, saving thousands of dollars in downtime and HR expenses.



# BT11950

## BATTERY TESTER SPECIFICATIONS



### Specifications

Power Supply	7.2V/5.2Ah Li-ion, 12V/2.5A DC Adaptor
Data Storage	8MB
Communication	Bluetooth Ver2.1 + EDR Class2
LCD Display	4.0 monographic
Operating Temp./Humidity	0°C to +45°C RH 85% max.
Storage Temp./Humidity	-20°C to +60°C, RH 85% max.
Compliant Standards	IEC 61010-1 CAT III 500V Pollution Degree 2, EN61326-1:2013
Dimensions	240(L) x 198(W) x 109(H)
Weight	1.4kg

### Features

- Measures internal resistance on battery systems of up to 400V
- Measures voltages of battery systems up to 500V
- Measures AC voltage of up to 500V (for UPS)
- Measures battery capacity
- Diagnoses ageing batteries and predicts the life span based on historical data allowing the user to time the battery replacement
- Can store historical battery results in its 8MB memory
- Auto-hold and data storage
- Prints out measurement data in reports
- Transmits measurement data to remote locations (i.e. email, server) using Mobile App

### Electrical Specifications

#### Measurement of Resistance

Range	Resolution	Measurable Current	Accuracy
3mΩ	1uΩ	100mA	±1.0%rdg ±10dgts
30mΩ	10uΩ	100mA	
300mΩ	100uΩ	10mA	
3Ω	1mΩ	1mA	±0.8%rdg ±10dgts
30Ω	10mΩ	0.1mA	
300Ω	100mΩ	0.1mA	

#### Measurement of Temperature

Range	-10°C to +100°C
Resolution	0.1°C
Resolution	±1°C +2dgts

#### DC Current

Range	4, 40, 400A
Resolution	1mA
Resolution	±0.5%rdg ±5dgts (+CT Tolerance)

#### DC Voltage

Range	5, 50, 500V
Resolution	1mV
Resolution	±0.5%rdg ±5dgts

#### AC/V

Range	0-500V
Resolution	100mV
Frequency	40Hz to 100Hz
Accuracy	±0.75%rdg ±10dgts

Specifications subject to change without notice.