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FLUKE-BT520/APAC, Battery Analyzer

Item **32FIK13103** Mfr. Model **FLUKE-BT520/APAC**

Product Details

Brand: **FLUKE**	Length (in): **2.00**
Part number: **6079383**	Width (in): **4.00**
Weight (lb): **1.90**	Height (in): **9.00**

Product Description

The Fluke BT520 Battery Analyzer (the Product) is a multifunctional meter designed for the test and measurement of a stationary battery system. The Product can measure the battery internal resistance and voltages. These measurements can be used to determine the overall condition of the system. It can also measure electrical parameters for battery system maintenance, including dc voltage up to 600 V, ac voltage up to 600 V rms, and ripple voltage.
Features of the Product include:
• CAT III 600 V Safety Rated – The Product can measure a maximum of 600 V ac in a Category III environment.
• Battery Internal Resistance – Via the Kelvin connections, the Product measures the internal resistance. An increase in the internal resistance from a known baseline indicates the battery is deteriorating. The testing takes less than 3 seconds.
• Battery Voltage – During the internal resistance test, the Product also measures the voltage of the battery under test.
• Discharge Volts – The Discharge mode collects the voltage of each battery several times at a certain interval during a discharge or load test. Users can calculate the time a battery takes to drop to the cut-off voltage and use this time to determine the capacity loss of this battery.
• Ripple Voltage Test – Measures the unwanted residual ac component of the rectified voltage in dc charging and inverter circuits. Allows users to test ac components in dc charging circuits and find one of the root causes of battery deterioration.
• Meter and Sequence Modes – The Meter mode is used for a quick test or troubleshooting. In this mode you can save and read the readings in a time sequence. The
Sequence mode is for maintenance tasks with multiple power systems and battery strings. Before a task starts, users can configure a profile for the task for data management and report generation.
• Threshold and Warning – Users can configure a maximum of 10 sets of thresholds and receive a Pass/Fail/Warning indication after each measurement.
• AutoHold – When AutoHold is turned on, the Product freezes the reading when it remains stable for 1 second. The frozen reading is released when a new measurement starts.
• AutoSave – When the AutoSave mode is on, measured values are saved to the internal memory of the Product automatically after AutoHold.
• Fluke Battery Analyzer Software – Easily import data from the Product to a PC.
The measurement data and battery profile information is stored and archived with the Analyze Software and can be used for comparison and trend analysis. All measurement data, battery profile and analysis information can be used to easily generate reports.