

BT521

Battery Analyzer

Users Manual

Specifications

General Specifications

⚠ Fuse Protection for Resistance	0.44 A (44/100 A, 440 mA), 1000 V FAST Fuse, Fluke specified part only
Power Supply	
Battery power.....	BP500 smart battery pack: double cell lithium-ion, 7.4 V, 3000 mAh
Battery life.....	>8 hours in continuous full-load operation
Battery charging time.....	≤4 hours
Power adapter output voltage.....	Use only BC500 battery charger: 18 V, 840 mA
Line power.....	100 V ac to 240 V ac adapter with country specific plug
Frequency.....	50 Hz to 60 Hz
Temperature	
Operating.....	0 °C to 40 °C
Storage.....	-20 °C to 50 °C
Lithium-ion battery charging.....	0 °C to 40 °C
Relative Humidity (non-condensing, 10 °C)	
Operating.....	≤80 % at 10 °C to 30 °C ≤75 % at 30 °C to 40 °C
Altitude	
Operating.....	2,000 m
Storage.....	12,000 m
Temperature Coefficient	0.1 x (specified accuracy) /°C (<18 °C or >28 °C)
Size	58 x 103 x 220 (mm)
Weight	850 g
Memory	
Data/Setup flash memory.....	4 MB
Real-Time Clock	Time and date stamp for measurement. The RTC works >50 days without battery.
IP Rating	IEC 60529: IP 40
Safety	IEC 61010-1, IEC 61010-2-030, IEC 61010-031, Pollution Degree 2 600 V CAT III, 1000 V dc max; Derated to CAT II with CAT II probe cap installed
EMI, RFI, EMC, RF	IEC 61326-1, IEC 61326-2-2, EN 300 328, EN 301 489-1, EN 301 489-17, FCC Part 15 Subpart C Sections 15.207, 15.209, 15.249 CONTAINS FCC IDs: T68-FWCS, XDULE40-S2 IC: 6627A-FWCS, 8456A-LE4S2
Electromagnetic Compatibility	Applies to use in Korea only. Class A Equipment (Industrial Broadcasting & Communication Equipment) ^[1]

[1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes.