

BT-3918 Battery Conductance Tester

---Cost effective tester for battery regular measurement

Regular maintenance and test is a "must-have" procedure for standby batteries. It is also recommended by IEEE latest standard for maintenance and testing of standby batteries. The excellent performance of BT-3918 for testing cell conductance and voltage will help you eliminate the weak batteries and ensure their performance.

Features

- ♦ Wide test range: 5~6000Ah, compatible for cell of 1.2V, 2V, 6V and 12V
- Smart and portable hand-held device, rugged and easy-to-go
- Colorful touch screen with optional operations of keyboard and touch screen
- Simultaneously test voltage and internal conductance of battery
- Fast testing for battery and string in seconds with testing data auto saving
- Strong anti-interference in high current with stable and accurate performance
- Low testing frequency, effectively avoid interference from capacitive resistance
- Direct USB drive for software update and data transfer to computer
- Powerful PC management software, convenient for data storage and analysis
- Big memory for testing data storage of more than 3000 cells
- Buzzer alarm function and over voltage protection
- Auto-calibration function before testing enhances the testing accuracy
- Build-in reference value and self-defined value for comparison of testing result
- Retest and compensation function: any faulty operation or omission could be retested simply with one click
- Optional function: can wirelessly transfer data to IT system via GPRS

Technical Parameters

Conductance range	100-19990 Siemens
Voltage range	0.000V ~16V
Minimum test resolution	
-Conductance	0.01S
-Voltage	1mv
Test accuracy	
-conductance	±1.0%rdg ±6dgt
-voltage	±0.2%rdg ±6dgt
Power supply	Li-ion battery (7.2V 2400mAh)
Working time	More than 5 hours after full charge
Measuring data memory	>3000 cells
Operation environment	0℃ to 40℃, 90% R.H
Measuring cells per string	1≤cells≤254
LCD display	320*240 pixel, 3.5" TFT screen
Net weight (package)	2 kg
Dimension	L210*W110*H60 mm



Pin Type Probe

Functional Display

	String	test	bri	ef:	0+
Tot	tal:8 (:ell(s):		
Ga	avg:	9	7.24	I S	
Ua	avg:	12	. 83	U C	
GL	owest	cells	:		
ło .	G(S)	U(V)	No .	G(S)	U(V)
01	97.08	12.04	004	97.09	12.06
07	97.16	12.04	008	97.19	12.03
02	97.30	12.06	005	97.34	12.00
03	97.35	12.00	006	97.54	12.00
UL	.owest	cells	:		
ło .	G(S)	U(V)	No .	G(S)	U(V)
03	97.35	12.00	005	97.34	12.00
06	97.54	12.00	008	97.19	12.03
		12.04			
104	97.09	12.06	002	97.30	12.06
Ba	ck				Order

Self-defined parameter

Vivid testing result

String test summary

Kongter PC Software

BT-3918 Data View software provides smart solutions for data analyzing, battery condition tracking and report printing.

010-08-09 10:35:05 Wam 20% C.R @ 0	est Index Test Time 1011-12-08 13:58:29 1011-03-10 15:05:28 1010-11-02 09:39:28		300d 20% Pass 30%	1				
No. Test Time Volt/V G(S) Capacity(%) Status 1 03-1015323 2254 526 258 95 Pass 2 03-10153625 2254 526.15 82 Warn 3 03-10153742 2230 710.14 95 Pass 4 03-10153742 2230 710.14 95 Pass 6 05.10153742 2230 710.14 95 Pass 6 05.10153742 2230 710.14 95 Pass 7 03.10153742 2238 50.043.3 0 Falled 7 03.101539.11 2258 50.043.3 0 Falled 9 03.10154.101 24.24 110.88 17 Falled 9 03.10154.101 24.20 573.85 86 Pass 10 03.10154.14.3 21.39 1131.8 10.00 Good	010-08-19 10:35:05 010-08-06 10:48:49 010-07-21 14:26:43					R or G C R G	0	
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4 00.1015/3742 2.230 718.08 95 Pass 5 03-1015/3816 2.248 959.14 1000 Good 6 03-1015/3811 2.258 316/54 900 Felled 7 03-1015/4101 2.269 310/54 900 Felled 9 03-1015/4101 2.260 573.55 86 Pass 10 03-1015/4143 2.139 1131.8 100 Good								
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								OK(Q)
0400								



Carrying Bag

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