



ACCURATE DATA



RELIABILITY



QUALITY

ABERTAX® AT-114B Wireless Battery Analyzer

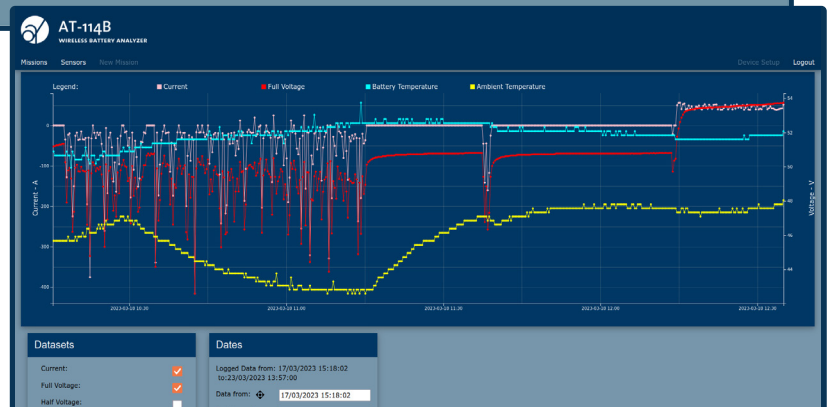
All the advantages of a scientific data logger with the durability of our acid-proof sensors and housing: Analyze your batteries in any environment!

Measurement and recording of full pack and half pack voltage, current, battery and ambient temperature, and electrolyte level (optional).

*Fast logging at up to 10 samples per second.
Data storage up to 32GB (> 24 years @ 1 sample per second)*

Embedded web interface to configure, start, stop and download data.

Name	Start Date	Finish Date	Sample Rate	Sample Averaging	Action
Test #3	30/11/2022 11:56		10 samples per second	Yes	Stop Mission Download
atext	30/11/2022 10:42	30/11/2022 10:43	10 samples per second	No	Mission Stopped Download Delete
worktest	30/11/2022 9:18	30/11/2022 9:21	10 samples per second	No	Mission Stopped Download Delete
voltageest2	25/11/2022 10:02	25/11/2022 10:19	1 sample per second	Yes	Mission Stopped Download Delete
voltageest2	25/11/2022 9:57	25/11/2022 9:59	1 sample per second	Yes	Mission Stopped Download Delete
voltageest	25/11/2022 9:25	25/11/2022 9:45	10 samples per second	Yes	Mission Stopped Download Delete
Test #2	17/11/2022 10:45	18/11/2022 18:22	10 samples per second	No	Mission Stopped Download Delete
Test #1	10/11/2022 12:06	11/11/2022 13:28	10 samples per second	Yes	Mission Stopped Download Delete
Abertax RD 2	04/11/2022 16:13	04/11/2022 16:14	10 samples per second	Yes	Mission Stopped Download Delete
Abertax RD 1	04/11/2022 16:08	04/11/2022 16:07	10 samples per second	Yes	Mission Stopped Download Delete
Abertax RD 1	03/11/2022 13:03	03/11/2022 14:15	10 samples per second	Yes	Mission Stopped Download Delete



Device Specifications

Battery Technology	All Types
Supply Voltage: HV Version	(15 - 120V)
LV Version	(6 - 30V)
Maximum Current Consumption (@24V)	0.110 A
Temperature Range - Operating	-20°C to +70°C
Relative Humidity - Operating	95% (No Dew)
Relative Altitude - Operating	< 2000m ASL
Protection Class	IP65
Communication	WiFi / WiFi AP
Dimensions excluding sensors (L x W x H)	130 x 45 x 25mm
Weight excluding sensors	200g

Sensors

Temperature sensor range	-40°C to 100°C
Maximum Current Measurement Range	± 900A
Full Voltage Measurement Range	6 - 120V
Half -Pack Voltage Measurement Range	8 - 60V
Level Sensor Probe (For Flooded Lead Acid Batteries)	77mm or 127mm
Level Sensor Type	GaugeGuard or O-Ring
Level Sensor Hole Size Diameter for Gauge Guard	10mm

Accuracy & Resolution

Voltage Measurement Accuracy	0.2V
Voltage Measurement Resolution	0.08V _± (11Bits)
Current Measurement Accuracy	3% 3A
Current Measurement Resolution	0.1A

