



The Smartville Periscope is a mobile electric vehicle and battery pack testing kit, designed to help vehicle dismantlers, dealers, transporters, logistic providers and first responders to quickly and intuitively assess battery condition. With a compact testing hardware and intelligent data backend, the product allows customer to quickly connect to compatible EV models, and get battery insights including capacity, state-of-charge, state-of-health, cell/module/pack level failures, safe-handling protocol, and suggested price.



### IN-FIELD ASSESSMENT

Periscope provides quick switchable OBD/CAN connectors and intuitive interface. Testing can be complete within minutes with simple training.

### VALUE INSIGHTS

Intelligent data backend provides customer easy tool to assess battery at present value, capacity, state-of-health.

### SAFETY INSIGHTS

Comprehensive data models provide battery safety insights, covering component and system level failures, offering guidelines for battery high-voltage and fire safety.

### REPAIR, REUSE, RECYCLE

Support efficient screening, triaging, and logistics for end-of-life EV batteries

### FEATURES

- Conduct electric vehicle battery pack diagnostic checks on various models with a single device
- Stream and record live battery data reported by the BMS
- Instantaneously qualify battery health based on Smartville’s grading algorithm

### MECHANICAL

Dimensions	11”x 10”x 5”
Weight	6.2 lbs
Construction	IP67, High Density Polypropylene

### COMPATIBILITY

Vehicles	Tesla 3/Y, S/X, Hyundai Ioniq 6 Nissan Leaf G1/2, Chevy Bolt
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Communication Methods	CANBus
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### ELECTRICAL

Output Voltage	12 V
Output Current	0.92 A, (7 A Peak)
Internal Battery	10 Ah, ~8 hours