iSmartEV OM210

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Oscilloscope Multimeter

A measurement tool for new energy vehicles that combines a multimeter with a dual-channel oscilloscope.

Features

- **Multi-purpose device**
  Integrates multimeter and dual-channel oscilloscope functions.
- **Waveform playback**
  Save and playback waveform locally.
- **Automatic measurement**
  Supports manual, tracking, and automatic cursor measurement functions.
- **Multiple communication modes**
  Supports wired and wireless communication modes, and can be used with iSmartEV P01.

Functions

- **Oscilloscope**
  Dual-channel oscilloscope
  Automatic measurement of 6 parameters
  Vehicle testing
  Waveform recording and playback
- **Multimeter**
  Voltage measurement: DC and AC voltage measurement
  Current measurement: DC and AC measurement
  Resistance measurement
  Diode measurement
  Continuity measurement

Parameters

Battery	3100 mAh/3.8 V	Dimension	160×195×42 mm
Oscilloscope		**Multimeter**	
No. of channels	2	DC voltage	±600 V
Bandwidt	10 MHz	AC voltage	±600 V
Maximum real-time sampling rate	100 Mbps	DC	±10 A
Time base range	1us/div~10s/div, step by 1~2~5 times	AC	±10 A
Sampling methods	Common, peak value detection, average	Resistance	0~6MΩ
Input coupling	DC, AC, and earth	Diode	0~2.0 V
Input impedance	1MΩ±2%, parallel with 15pF±5pF	Continuity	Buzz when less than 50Ω
Input capacitance	20 pF Max	/	
Automatic measurement	Peak-peak,value, average...	/	