



Industrial & Lab Grade Multimeter

OW67(B) of OW60 series

High-Precision Measurement

60000 count TRMS reading with a basic measurement accuracy of $\pm 0.08\%$.

Safety Certification

All models meet CAT III 1000V and CAT IV 600V standards, with 1000V high-performance fuses.

Durable Design

With a full rubberized enclosure, it offers a comfortable grip and protects against accidental drops.

The bottom features a soft rubber stand for added stability, keeping it steady in any position.

Powerful Magnetic Mounting Function

Equipped with a strong magnet for secure attachment to Iron surfaces, enabling hands-free operation and single-hand use.

Smart IoT Meter (OW67B)

Supports bluetooth, compatible with Android and iOS, for remote control and \ data management via a mobile app.

Multi-functional Application

Data Logging and Analysis (OW67B): With the dedicated app, users can easily view, compare, and store historical measurement results.

Alarm Settings: Customizable upper and lower limit ranges; triggers warning alerts when preset thresholds are exceeded.

Power Measurement: Measures up to 2500W, and with optional accessories, tracks power consumption from AC/DC sources and USB ports, including active power, apparent power, voltage, and current.

4-20mA Signal Conversion: Displays current changes as percentages, making it ideal for industrial automation control applications.

Clear Interface

The 2.8-inch IPS screen offers wide viewing angles and clear readability, even in bright light. Users can choose between dual themes for different light conditions and use two built-in LED lights for night work.



Full-Featured **Smart Multimeter**

Meets lab and industrial field testing requirements



60000
Counts

± 0.08%
Optimal Accuracy

CAT III 1000V
CAT IV 600V

LoZ
Low Resistance

Silicone Probes
Standard

AC/DC/USB
Power Measurement

Android / iOS
Support (OW67B)



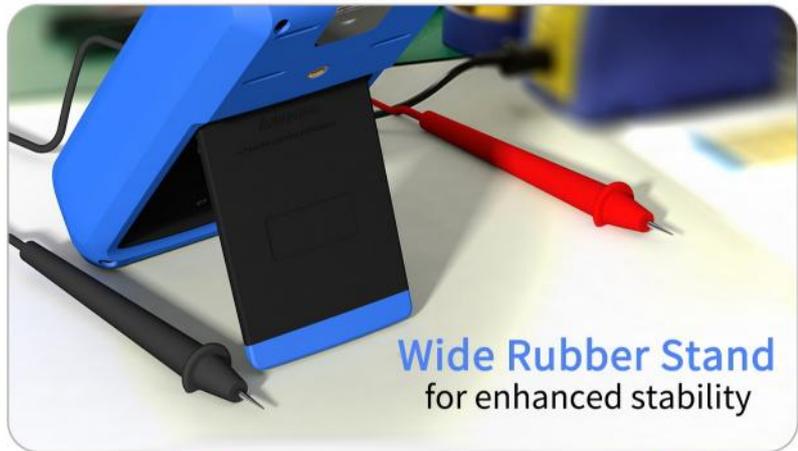
Comprehensive Protection High Safety Standards



Integrated Acrylic
protect the screen,
dustproof and waterproof



**Full-Enclosure
Silicone wrap**
comfortable grip and
instrument protection

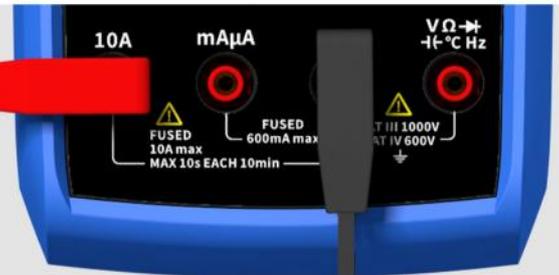


Wide Rubber Stand
for enhanced stability



+ Current Range Alert Function

When using the current gear for extended periods,
the instrument will emit an alert to prevent fuse
blowout from prolonged use or misoperation.



1000V Ceramic Fuse



Safety Design
Battery cannot be replaced when
probes are inserted.

Ultimate Testing Tool, Reliable and Worry-Free!

Complies with CAT III 1000 V and CAT IV 600 V Standards

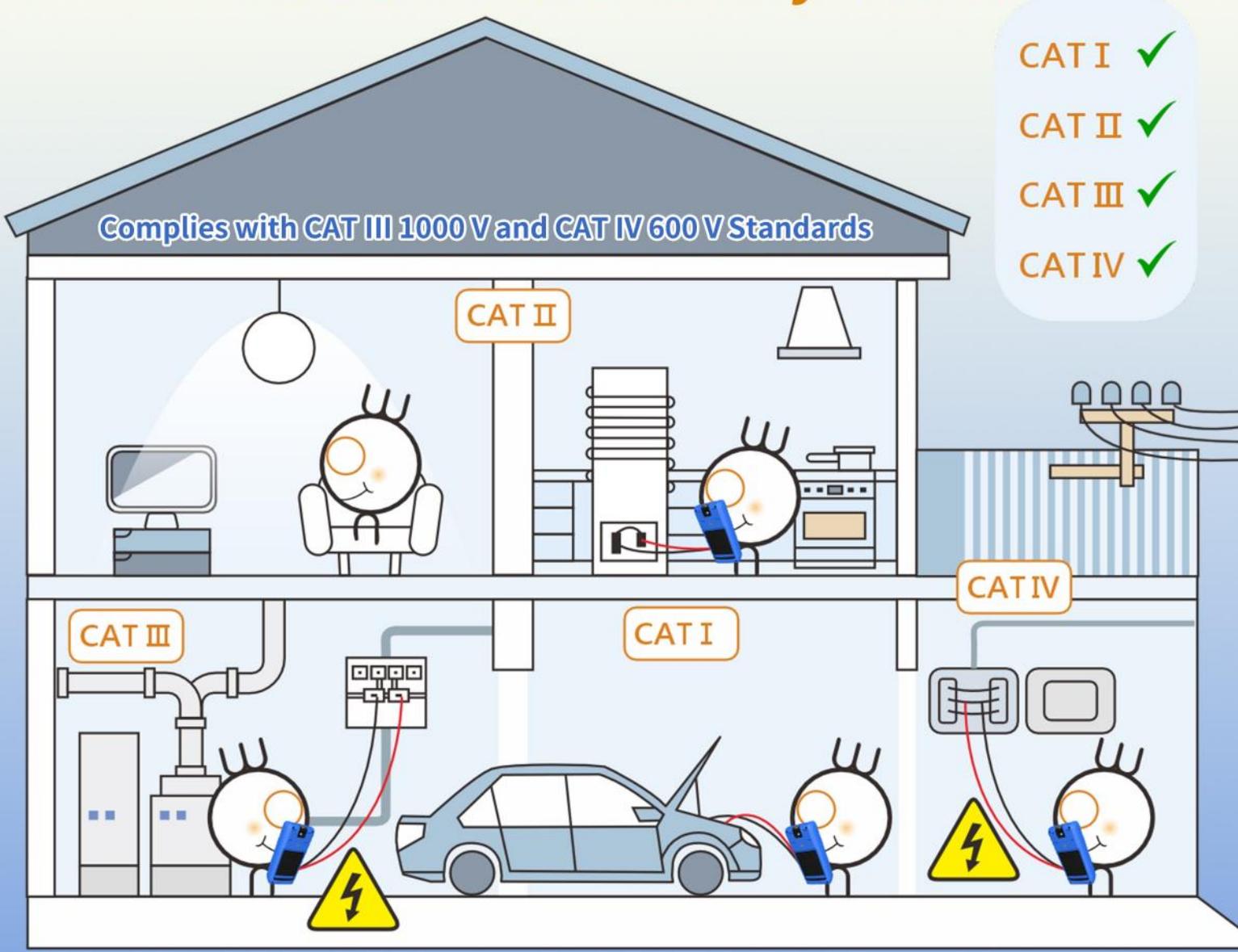
- CAT I ✓
- CAT II ✓
- CAT III ✓
- CAT IV ✓

CAT II

CAT IV

CAT III

CAT I



LoZ Low Resistance Mode

LoZ mode allows you to measure DC and AC voltages with a low impedance. In this mode, the multimeter lowers the internal resistance to prevent "phantom" voltage readings.



Power Measurement

Directly measures AC/DC/USB power and phase shift angle (Max 2500W).

Shows active power, apparent Power, Voltage, Current, Power Factor, and Frequency.



Corresponding power modules need to be selected and matched.

Comparison Function

The function allows automatic comparison of measurements with preset limits. Hence, it allows quick evaluation of measurements during time-intensive measurement series.



Fail Status



Pass Status

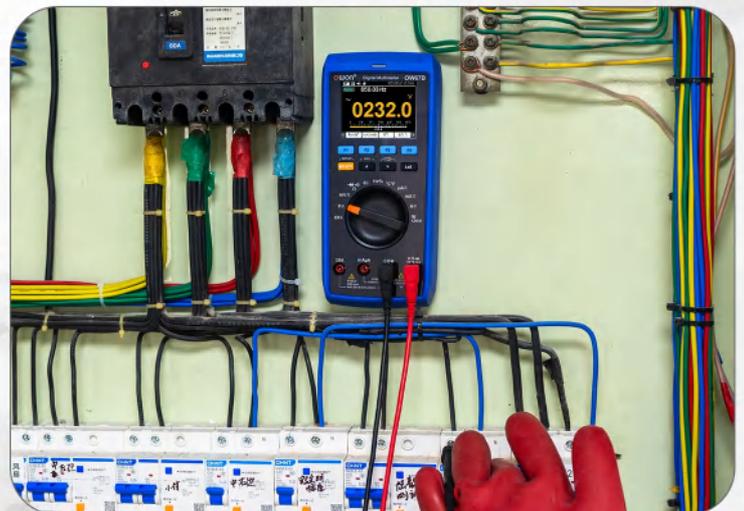
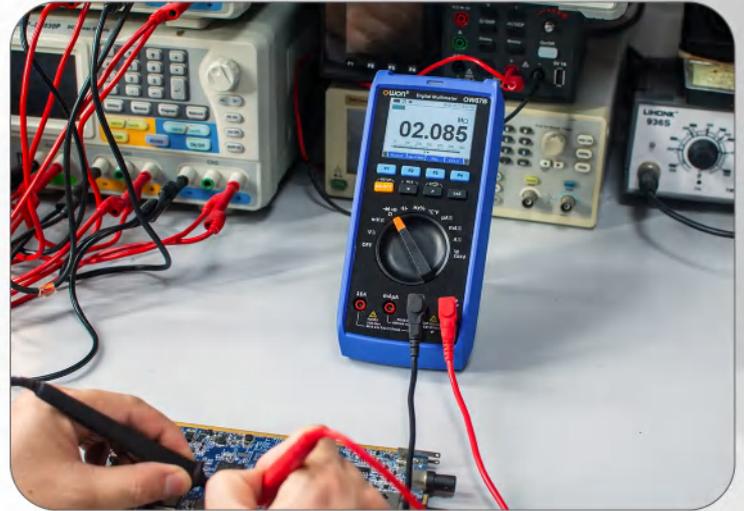
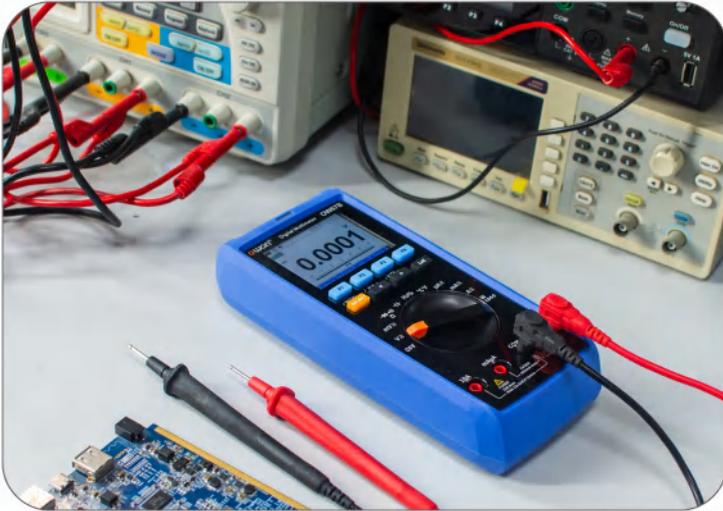
4-20mA Function

4-20mA values are shown as percentages, making deviations easy to judge and adjust. For example, 20mA is displayed as 100%, indicating full scale. This simplifies problem identification and on-site adjustments.



Meet Various Environments Adapts to Any Challenge

Equipped with a soft rubber case and stand, and a built-in magnetic module, this design significantly enhances stability and ensures the instrument remains securely in position whether placed flat, upright, hung, or attached to metal surfaces.



Silicone Probes Durability and Safety

Attach to the back of the Instrument for measurement.



2.8-inch **IPS** Screen

Clear readings, excellent viewing angles

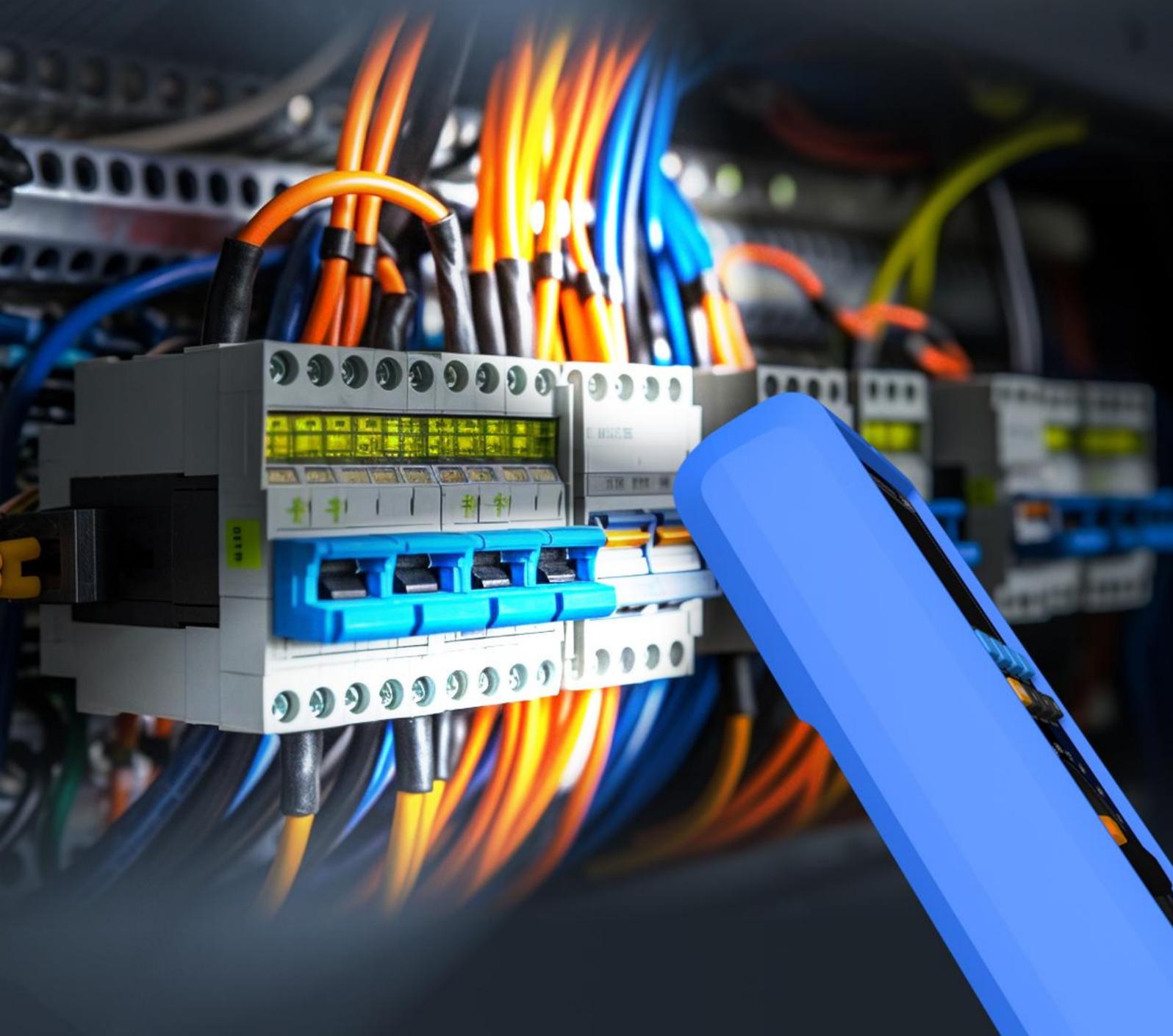


Dual Theme Display

adaptable to different lighting environments, clear display effect.

Dual LED Lights

Unafraid of Dark Conditions



DIY *Create Your Custom Device*

Auto Power Off, Torch Light, Sound, Color Mode ...

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Brightness	HIGH
Sound	ON 60 %
Color Mode	DARK
Auto Power Off	5 minute
Display	5 minute
Torch Light	1 minute
Cont Threshold	20 Ω
Set Time	12 : 37 : 48 1/3

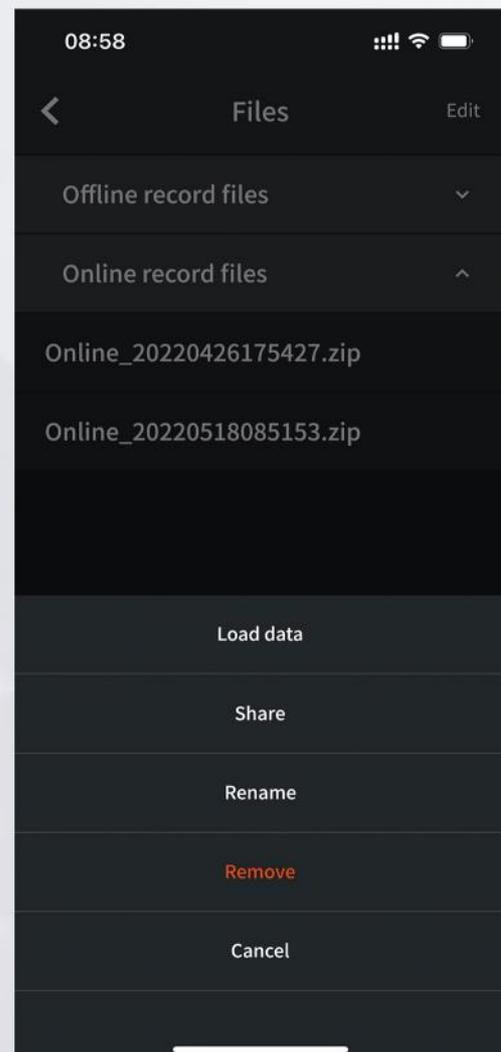
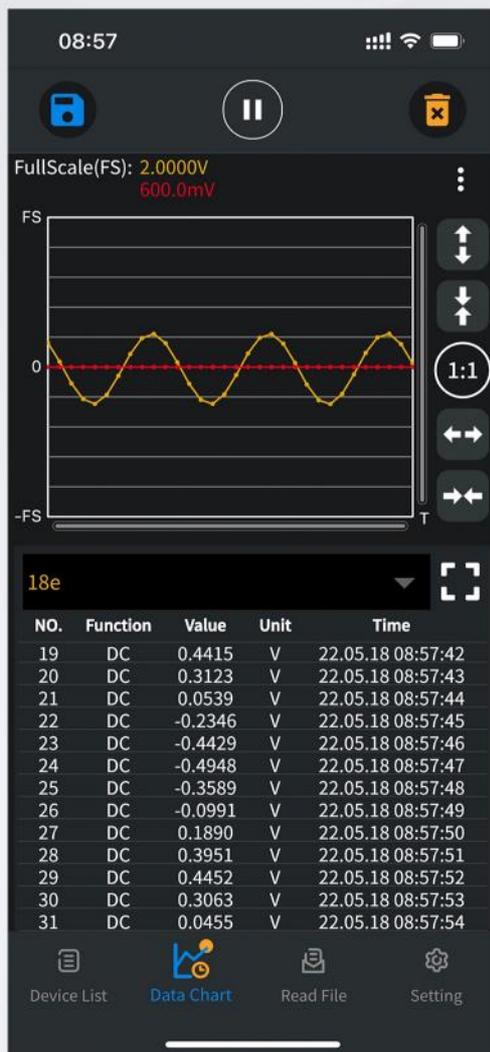
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Recorder Function



Meeting your needs

Users connect to the instrument via Bluetooth, automatically record measurement values, and display them in a graph to visualize trends. The recorded data (CSV format) can be shared with a computer for analysis.



Comparative Analysis of Multiple Instruments

Remote control via smartphone meets special testing requirements, allowing for the connection of various devices for comparative analysis.



On Site Testing



Current Measurement



Voltage Measurement



Capacitance Measurement



Resistance Measurement



Diode Measurement



On-off Measurement

How to Choose?



Model	OW65(B)	OW67(B)	OW69(B)
Counts	6000	60000	60000
Max accuracy (DC)	± 0.5% +5	± 0.08% +5	± 0.03% +5
DC voltage	1000V	1000V	1000V
AC voltage	1000V	1000V	1000V
AC/DC current	10A/10A	10A/10A	10A/10A
Frequency (AC)	45 - 1000Hz	45 - 1000Hz	45 – 100KHz
Resistance	60 MΩ	60 MΩ	60 MΩ
Capacitance	60 mF	60 mF	60 mF
Frequency	10 MHz	10 MHz	10 MHz
Temperature	-40 ~ 1000°C	-40 ~ 1000°C	-40 ~ 1000°C
AC low resistance (LOW Z)	600V AC	600V AC	600V AC

Model	OW65(B)	OW67(B)	OW69(B)
Counts	6000	60000	60000
Ture RMS	✓	✓	✓
Automatic/manual rang	✓	✓	✓
Optimal accuracy (DC)	± 0.5% +5d	± 0.08% +5d	± 0.03% +5d
CAT III 1000V	✓	✓	✓
CAT IV 600V	✓	✓	✓
Peak (1ms)	X	✓	✓
LPF	X	X	✓
BLE 4.0	OW65B	OW67B	OW69B
LoZ	✓	✓	✓
AC+DC measurement	X	X	✓
Comparative measurements	X	✓	✓
Power measurement in watts	X	✓	X

Specifications

	Measurement Range	Accuracy
DC Voltage	60.000mV	±(0.2%+30 dig)
	600.00mV	±(0.08%+5 dig)
	6.0000V	±(0.08%+6 dig)
	60.000V	±(0.08%+6 dig)
	600.00V	±(0.1%+6 dig)
	1000.0V	±(0.15%+6 dig)
AC Voltage	600.0mV	±(0.8%+10 dig)
	6.000V	±(0.8%+5 dig)
	60.00V	±(0.8%+5 dig)
	600.0V	±(0.8%+5 dig)
	1000V	±(1%+5 dig)
DC Current	600.00uA	±(0.5%+10 dig)
	6000.0uA	±(0.5%+5 dig)
	60.000mA	±(0.6%+10 dig)
	600.00mA	±(0.6%+5 dig)
	6.0000A	±(1%+10 dig)
	10.000A	±(1.2%+7 dig)
AC Current	600.0uA	±(1%+5 dig)
	6000uA	±(0.8%+5 dig)
	60.00mA	±(0.8%+5 dig)
	600.0mA	±(0.8%+5 dig)
	6.000A	±(1%+10 dig)
	10.00A	±(1.2%+10 dig)
Resistance (Ω)	600.00Ω	±(0.5%+10 dig)
	6.0000KΩ	±(0.3%+10 dig)
	60.00KΩ	±(0.2%+5 dig)
	600.0KΩ	±(0.2%+5 dig)
	6.000MΩ	±(0.6%+5 dig)
	60.00MΩ	±(1.5%+7 dig)
Capacitance (F)	60.000nF	±(2.5%+20 dig)
	600.00nF	±(2.5%+20 dig)
	6.0000uF	±(2.5%+20 dig)
	60.000uF	±(2.0%+20 dig)
	600.00uF	±(2.5%+20 dig)
	6000.0uF	±(4%+20 dig)
	60.000mF	±(5%+20 dig)
Temperature	'-40 ~ 40 °C	±(2%+30 dig)
	'40 ~ 100 °C	±(1%+20 dig)
	'100 °C ~ +1000°C	± 3%
	-40~32°F	±(4%+8dig)
	32~210°F	±(2%+8dig)
	210~1832°F	±(5%+8dig)
Frequency (Hz)	60.000Hz~60.000MHz	±(0.08%+5 dig)
Loop current 4 - 20 mA/DC	0-100%	±(1.2%+2 dig)
Diode	3.0000V	
Max Display	60000	
AC Power Measurement		
Effective power	2500W	±(2%+10 dig)
Apparent power	2500VA	±(2%+10 dig)
Voltage	250.0V	±(1%+10 dig)
Current	10	
Cos-Phi	1	
Frequency	50/60Hz	
DC Power Measurement		
Power	2500W	±(2%+10 dig)
Voltage	250.0V	±(1%+10 dig)
Current	10	±(1%+10 dig)
USB Power Measurement		
Power	240.0W	±(2%+10 dig)
Voltage	48.00V	±(0.5%+5 dig)
Current	5.00A	±(1%+5 dig)
Capacity	0-99999mAh; 0-1000Wh; 99 h 59 m 59 s	

Specifications subject to change without prior notice.

Packing List

OW67(B)

Host



91mm x 200mm x 43 mm (W×H×D)

Silicone Probes



K-type Thermocouple



Battery
(optional)



Soft Bag



Quick Guide



AC power measurement module (optional)



USB power measurement
module (optional)



DC power measurement
module (optional)

