

# Battery Comprehensive Tester

Item Number: BC-06



## Introduction

The scope of application of the battery comprehensive tester can be tested: 18650 and other cylindrical, square lithium batteries, polymer batteries, nickel-cadmium batteries, nickel-metal hydride batteries, lead-acid batteries, etc.

[Learn More](#)

Model BC-06H		Model BC-06	
Measuring range:		Measuring range:	
Battery voltage measurement range:	0-10V accuracy 0.001V resolution 1mV	Battery voltage measurement range:	0 ~ 10V minimum resolution 10mV
Charge and discharge current test range:	5mA-2000mA accuracy 0.001A resolution 1mA	Current measurement range:	0~12A Minimum resolution 1mA
Battery overcurrent measurement range:	0.-20A resolution 0.01A	Internal resistance measurement range:	0~1000 mΩ, minimum resolution 1mΩ
Internal resistance measurement range:	0~999mΩ resolution 1mΩ	Identification resistance measurement range:	0.1~999.9KΩ minimum resolution 0.1KΩ
Resistance measurement range:	0.1~999.9KΩ resolution 0.1KΩ	Capacity measurement range:	0 ~ 10000mAH minimum resolution 1mAH
Capacity measurement range:	0~60000mAh resolution 1mAh		
Test speed:		Test speed:	
Static test 6 items (voltage, internal resistance, short circuit protection, charging, discharging, overcurrent):	0.1-0.3 seconds	Static test (tests all functions):	0.4-0.5 seconds
Capacity test (1C current charge and discharge): 3~4 hours	3~4 hours	Capacity test (1C current charge and discharge):	2 to 3 hours
measurement accuracy:			
1) Voltage measurement accuracy:		±0.01%FS+2 words (10V)	
2) Current measurement accuracy:		±0.1%FS+2 words (2A)	
3) Overcurrent measurement accuracy:		±1%FS+2 words (20A)	
4) Internal resistance measurement accuracy:		±1%FS+1mΩ	
5) Identification resistance measurement accuracy:		100KΩ±1%	
6) Battery capacity measurement accuracy:		60AH±×1%	
Applicable environment of the instrument:			
Temperature:		0~40°C	
Use altitude:		Use within 2Km above sea level	
Relative humidity:		40-80% humidity	
Basic parameters			

Power supply voltage:	220V±10% 50Hz
Power consumption:	up to 50W
Instrument size:	L (285mm)×W (240mm)×H (85mm)
Outer packing size:	L (320mm)×W (300mm)×H (160mm)