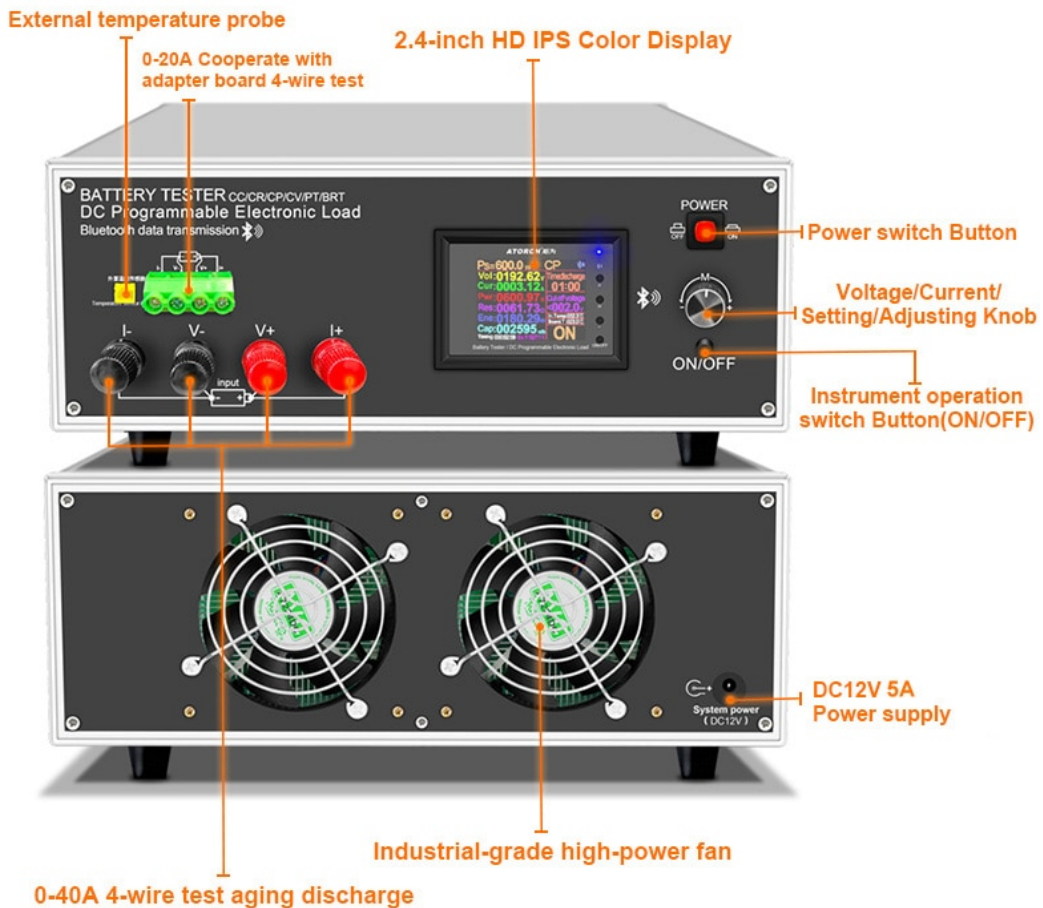


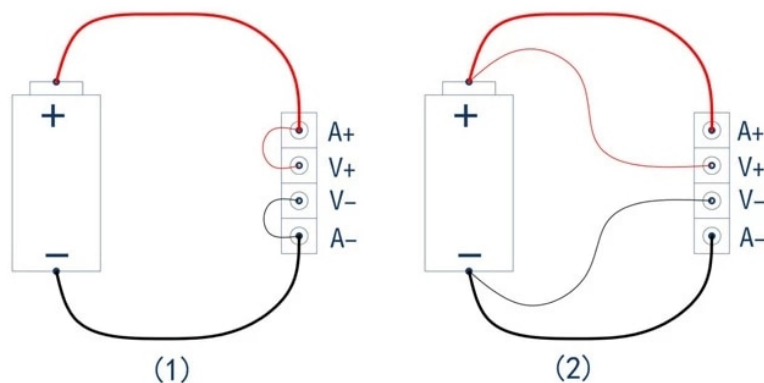
High Precision | High Power Discharge | Aging Test Integration



--- Panel introduction---



Electronic load wiring diagram



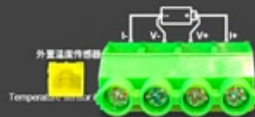
- (1) **Two-wire wiring method:** this method is relatively simple and convenient.
Note: It must be connected to the 2 terminals [A+] and [A-].
- (2) **The four-wire wiring method:** the voltage measurement is not affected by the voltage drop of the wire, so that the voltage measurement. The quantity is more accurate, and it is recommended that buyers with a certain circuit basis use this method!

BATTERY TESTER CC/CR/CP/CV/PT/BRT DC Programmable Electronic Load Bluetooth data transmission

POWER



ON/OFF



CC Mode
Is=05.020A
Vol:0030.05V
Cur:0005.02A
Pwr:0150.85W
Res:0005.98Ω
Ene:0007.39Wh
Cap:000269mAh
Timing:000:00:49 Ex.T:026.5°C
ON

CC Mode

CV Mode
Vs=020.00V
Vol:0020.05V
Cur:0003.09A
Pwr:0061.95W
Res:0006.48Ω
Ene:0030.35Wh
Cap:000650mAh
Timing:000:00:49 Ex.T:026.5°C
ON

CV Mode

CP Mode
Ps=300.0W
Vol:0052.72V
Cur:0005.69A
Pwr:0299.97W
Res:0009.26Ω
Ene:0089.99Wh
Cap:000602mAh
Timing:000:02:59 Ex.T:027.1°C
ON

CP Mode

DC load step-down type battery internal resistance testing
Start
Small battery Large battery
Open voltage Load voltage Load current internal resistance
(59.81V - 59.69V) / 0.1 A = 181 mR
(59.81V - 59.53V) / 0.2 A = 106 mR
(59.81V - 59.50V) / 0.3 A = 013 mR
(59.81V - 59.47V) / 0.4 A = 090 mR
(59.81V - 59.37V) / 0.8 A = 041 mR
(59.81V - 59.27V) / 1.2 A = 195 mR
(59.81V - 59.12V) / 1.8 A = 110 mR
DC load step-down type battery internal resistance : 068mR
Analog AC integrated average battery resistance : 053mR

BRT test internal resistance

Dc power/Charger energy detector Start
Voltage down Real-time voltage Load current Output power
(0.04V : 45.05V) X 0.5 A = 022.06W
(0.09V : 45.00V) X 1.0 A = 044.70W
(0.18V : 44.91V) X 2.0 A = 089.79W
(0.27V : 44.82V) X 3.0 A = 134.42W
(5.21V : 39.88V) X 0.5 A = ERR W
Rated output current:01.5A Rated output power:018.41W
Max output current:01.8A Max output power:020.80W
Remark:This result not as an absolute value, but as a relative value.

PT test power supply

CR Mode
Rs=0011.36Ω
Vol:0030.12V
Cur:0002.65A
Pwr:0079.81W
Res:0011.36Ω
Ene:0110.93Wh
Cap:001060mAh
Timing:000:02:39 Ex.T:026.5°C
ON

CR Mode