

## Battery Pack Test Equipment for Core Pack/ Hard Pack BPT 1100E Series



**Applied test**

Wake up

OCV

Charging /discharging tests

Cell voltage measurement and voltage variation check

Cell temperature measurement and temperature variation check

Overcharge /overdischarge & reset tests

Relay

DCIR measurement

ACIR measurement

BMS parameters reading

### The best solution for the following needs

- Requires flexible testing for core packs/hard packs.
- Requires the ability to collect, analyze, and discriminate gas gauge/BMS communication data.
- Requires various communication protocols support.
- To streamline personnel deployment inside the factory, with automated manufacturing as the goal.

#### Main Features

Able to connect with the customer's MES system to achieve seamless data transmission.

Supports multiple gas gauge IC tests, including all major models provided by suppliers such as TI, Maxim, and Renesas.

Test items: wake up, OCV test, charging/discharging tests, cell voltage measurement and voltage variation check, cell temperature measurement and temperature variation check, overcharge/overdischarge & reset tests, ACIR measurement, DCIR measurement, I/O control, and BMS parameters reading.

#### Others

EIA standard chassis, suitable for standard rack assembly.

AC Power		Customized According To Client Needs			
Loading Range		Charge	2 ~18V*	Discharge	2 ~18V*
Output	Constant Voltage	Maximum Voltage	18V*		
		Resolution	16 bit		
		Accuracy	± 0.02% F.S.		
	Constant Current	Maximum Charge/Discharge Current	± 12A*		
		Resolution	16 bit		
		Accuracy	± 0.02% F.S.		
Measurement	Voltage	Range	0~19.8V*		
		Resolution	24 bit		
		Accuracy	± 0.02% F.S.		
	Current	Range	0~13.2A*		
		Resolution	24 bit		
		Accuracy	± 0.02% F.S.		
	Temperature	Range	-50~150°C		
		Resolution	0.1°C		
		Accuracy	± 1°C (-40~90°C)		
Ambient		23°C±2°C; 20~90 HR			

\*Accept Customized Request

Model	Voltage (V)	Current (A)
BPT 1100E Plus 18V/12A	18	12