

## Advanced Lead - acid Battery Formation Equipment MCIF Plus Series



Applied test



Formation

### The best solution for the following needs

- Manufacturing a variety of series and parallel connected batteries.
- Requires high-efficiency energy consumption.
- Customized system construction and data analysis.
- With software development requirements for large systems.
- Large-scale and economical production of lead-acid batteries.
- When the production line does not have excess controllers, PCs, or relevant electronic connection equipment

Applied technology



Discharged energy recycling



Dual control modes



Touch operation

### Main Features

Intuitive touch-screen operation.

With built-in memory modules, each equipment is able to store more than 24 hours of test data without being connected to a PC.

PC control and panel control dual-mode operations.

Information displayed on the screen can be configured.

Single-cell voltage and temperature measurement features are already built-in.

The latest generation of communication protocols is applied; compatible with the latest PC models.

### Others

Independent control and output of each channel.

Operating modes: constant current, constant voltage, constant power.

Provides customized software and hardware packages.

AC Power		Customized According To Client Needs			
Loading Range		Charge	6 ~300V	Discharge	6 ~270V
Output	Constant Voltage	Maximum Voltage	300V		
		Resolution	0.01V		
		Accuracy	±0.5% F.S.		
	Constant Current	Maximum Charge/Discharge Current	Depend on Spec*		
Resolution		16 bit			
Accuracy		±0.5% F.S.			
Measurement	Voltage	Range	0~330V		
		Resolution	16 bit		
		Accuracy	±0.5% F.S.		
	Current	Range	0~Maximum Charge/Discharge Current*1.1		
		Resolution	16 bit		
		Accuracy	±0.5% F.S.		
	Temperature	Range	-50~150°C		
		Resolution	0.1°C		
		Accuracy	±1°C (-40~90°C)		
Data Recording Time		1s			
Data Storage Method		USB			
Communication Interface		Ethernet/ RS-485			
Ambient		23°C±2°C; 20~90 HR			

\*Accept Customized Request

Model	Voltage (V)*	Current (A)
MCIF Plus 300V/5A	300	5
MCIF Plus 300V/10A	300	10
MCIF Plus 300V/30A	300	30
MCIF Plus 300V/50A	300	50
MCIF Plus 300V/60A	300	60
MCIF Plus 300V/100A	300	100

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