Eco Series-Lead-acid Battery Formation Equipment MCE S Series

Applied test

Life cycle test

Capacity test

Formation

Applied technology

Discharged energy recycling

The best solution for the following needs

- With green factories as the target, aiming to reduce carbon emissions and energy costs.
- Required for lead-acid battery formation and research.
- Requires obtaining real-time data related to the current production progress as well as the plant's power consumption status.
- The quality of the plant's power supply is not stable.
- Manufacturing with a certain degree of flexibility; hoping to arrange the production schedule according to the most energy efficient method.

Main Features

- Supports DC-DC and DC-AC energy recycling, with an efficiency rating of up to 97%.
- Once the system reaches a full load, its power factor is greater than 99%.
- When the system load is greater than 30%, the total harmonic distortion is less than 3%.
- Data visualization on the central display dashboard.
- Comprehensive software capability.
- Smart scheduling functionality.

Others

- Independent control and output of each channel.
- Operating modes: constant current.
- Software with high expandability, with integrated control of voltage measurement modules and temperature measurement modules.
- Provides customized software packages.

AC Power			Customized According To Client Needs		
Loading Range			Charge	100~300V	Discharge 100~300V
Output	Constant Voltage	Maximum Voltage	300V		
		Resolution	0.1V		
		Accuracy	±0.5% F.S.		
	Constant Current	Maximum Charge/ Discharge Current	Depend on Spec*		
		Resolution	Depend on Spec		
		Accuracy	±0.5% F.S.		
Measurement	Voltage	Range	0~330V		
		Resolution	0.1V		
		Accuracy	±0.5% F.S.		
	Current	Range	0~Maximum Charge/Discharge Current*1.1		
		Resolution	Depend on Spec		
		Accuracy	±0.5% F.S.		
	Temperature	Range	-50~150°C		
		Resolution	0.1°C		
		Accuracy	±1°C (-40~90°C)		
Data Recording Time			1s		
Communication Interface			CANBus		
Ambient			23°C±2°C; 20~90 HR		
Optional Features			Smart Energy Management System		
Accessory			Auxiliary Voltage, Auxiliary Temperature		

*Accept Customized Request

Model	Voltage (V)*	Current (A)
MCE S 300V/0304A	300	+3/-4
MCE S 300V/0507A	300	+5/-7
MCE S 300V/0608A	300	+6/-8
MCE S 300V/1014A	300	+10/-14

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