

动力电芯一体机

适用于动力电芯、储能电芯等领域，可满足电池生产企业、电动汽车厂商和储能厂商等的电池充放电和温度性能检测需求。

- ◆ 循环寿命测试、倍率充放电测试、脉冲模拟测试、DCIR测试、高低温试验、温度工况性能试验和可靠性试验等；
- ◆ 双层箱体设计，具有自动灭火、隔爆功能；
- ◆ 电芯托盘高兼容性设计，可满足不同尺寸和规格的电芯测试使用。



电压电流精度
±0.05% F.S.



记录频率
100Hz



电流响应时间
≤3ms



通道数
8 CH



测温范围&偏差
-40°C ~ 150°C ±2.0°C
(空载、温度稳定时)



温度波动度
≤1°C
(空载、温度稳定时)



升温时间
20°C ~ 150°C (≤60min)
(空载，平均非线性)



降温时间
20°C ~ -40°C (≤60min)
(空载，平均非线性)

型号	内容积 (L)	内箱尺寸 (单层·mm)	外形尺寸 (mm)	净重 (kg)
MGDW-380-2-40BFC-5V600A8CH	380 × 2	1000 × 500 × 750	1600 × 1800 × 2050	900

*可根据电压、电流的大小需求定制



新威智能



新威研选



BTS客户端



工步编辑器



BTSData



边缘计算



LIMS



电池数据科学



数据报表



校准服务



远程智控 服务支持
智慧实验室服务平台



科研无忧 采购无虑
一站式科研采购平台

Power Cell All-in-One Testing System

Suitable for Electric Vehicles Cells, Energy Storage Cells and other fields, it can meet the requirements of battery charging and discharging and temperature performance testing.

- ◆ Cycle Life Test , Rate Charging / Discharging Test, Pules Test, High and Low Temperature Test, Temperature Performance Test, Reliability Test, etc.
- ◆ Double box design, with automatic fire extinguishing, flameproof function.
- ◆ Cell tray high compatibility design, can meet different sizes and specifications of cell test use.



Voltage & Current Accuracy
±0.05% F.S.



Recording Frequency
100Hz



Current Response Time
≤3ms



Number of Channels
8 CH



Temperature Range & Deviation
-40°C ~ 150°C ±2.0°C
(No Load & Stable Temperature)



Temperature Fluctuation
≤1°C
(No Load & Stable Temperature)



Heating Time
20°C ~ 150°C (≤60min)
(No Load & Average Nonlinear)



Cooling Time
20°C ~ -40°C (≤60min)
(No Load & Average Nonlinear)

Model	Inner Volume (L)	Internal Size (mm · Single-Deck)	Overall Size (mm)	Net Weight (kg)
MGDW-380-2-40BFC-5V600A8CH	380 × 2	1000 × 500 × 750	1600 × 1800 × 2050	900

*Other models can be customized according to voltage and current requirements.



LabTech



Store



Client



Step



DataAnalyzer



Edge



LIMS



Analytics



Report



Calibration



Tele-Control & Tech-Support

Smart-Lab Solutions Platform



Tailor-Made & Worry-Free

One-Stop Purchasing Platform