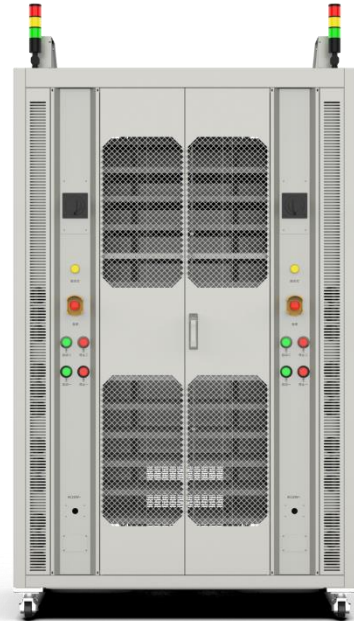


5V Power Cabinet

Suitable for Prismatic/ Cylindrical/ Pouch Cell

Test Items

- Cell cycle life test
- Cell capacity test
- DCIR test
- Cell charge/discharge characteristics test
- Cell charge retention ability test
- Cell depth/constant-voltage discharge test
- Cell overcharge/over discharge capacity test
- Cell dynamic test
- Cell ramp discharge/pulse discharge test



System Features

- Save energy effectively by feeding discharging energy back to power system, with little energy heat produced.
- Reliable, ultra-high precision testing with 0.05% accuracy and 5 MS/time for sampling rate.
- Independent channel with configurable parameter and condition setting for each individual channel.
- Multi network integrated management, centralized control in one computer.
- Complete input and output, software and hardware protection, reverse connection protection, power make and break function.
- No impact current when starting the channel. The CC/CV transition is perfectly done without voltage and current surge.
- Modular design is convenient for maintenance.
- Comprehensive data covering all aspects, and data uploads to MES system in real time.

Equipment Parameters

| Model | | ECT0530A | ECT0560A | ECT05100A | ECT05200A | ECT05400A |
|-------------------------|------------|---------------------------|------------------|------------------|------------------|-----------------|
| Number of main channels | | 96CH/ Cabinet | 48CH/ Cabinet | 24CH/ Cabinet | 12CH/ Cabinet | 6CH/ Cabinet |
| Voltage | Precision | $\pm (0.05\%FS+0.05\%RD)$ | | | | |
| | Resolution | 0.1mV | | | | |
| Current | Precision | $\pm (0.05\%FS+0.05\%RD)$ | | | | |
| | Resolution | 0.1mA | | | | |