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TCMCE A : Eco Series-Battery Production Equipment

Features

- The best solution for the following needs
 - * Large-scale production of power batteries.
 - * Factory space is limited and space utilization must be enhanced.
 - * With green factories as the target, aiming to reduce carbon emissions and energy costs.
 - * Requires the introduction of automated manufacturing to reduce the number of personnel deployed inside the factory.
- Performance indicators
 - * $\pm 0.05\%$ F.S.Accuracy.
 - * The discharged energy recycling efficiency is able to reach up to 80%.
 - * Innovative mechanical design reduces equipment footprint by 50%.
 - * Automated production line integration.
 - * Each computer is capable of controlling more than 2,000 channels simultaneously.
 - * With the introduction of the middle layer controller, once the production process has begun, it is no longer necessary for the equipment to remain connected to a PC.



➤ Specifications

Loading Range	
Charge	0~60V*
Discharge	2~60V*
Constant Voltage	
Maximum	Depend on Spec*
Resolution	16 bit
Accuracy	$\pm 0.05\%$ F.S.
Constant Current	
Maximum	Depend on Spec*
Resolution	16 bit
Accuracy	$\pm 0.05\%$ F.S.
Constant Power	
Maximum	Depend on Spec
Resolution	16 bit
Accuracy	$\pm 0.1\%$ F.S.
Efficiency	1s (Option : 100ms)
Operation Mode	Ethernet
Data Recording Time	23°C \pm 2°C; 20~90 HR
Communication Interface	DCIR Measurement · ACIR Measurement · BMS & Gas Gauge Data Collection · Data Analyzer · Chamber Integration · Automated/semi-automated activation
Ambient	BMS & Gas Gauge Data Collector · Auxiliary Voltage · Auxiliary Temperature · Chamber · Customized Fixture · Auto-Calibrator · Barcode Scanner · Alarm Buzzer

