



Feature

- Series Operation(Max. 256 cell)
- Low ripple noise(Linear power)
- High accuracy
- Control by CAN-FD/Ethernet
- Simulate Temp. Sensors
- Error simulation for all channels
- Voltage correction with remote sensing
- Isolation between each cell
- Low-Noise cooling FAN

Application



Electronic Vehicle
BMS(Battery Management System)
FCU (Fuel Cell Unit)



ESS
EMS(Energy Management System)

Description	TCS-m Series	TCS Series	TCS-h Series
Hardware Structure	19" Subrack 3U	19" Subrack 7U	
Max. Cell	16 cells	64cells	
Output Voltage Range	0~5V (±5V Option)		
Resolution	77 μV		
Max. Output Current	500mA / 1000mA (Option)		
Max. Update Rate	10ms (100Hz)		1ms (1kHz)
Voltage Measurement Accuracy	±1mV		
Current Measurement Accuracy	±1mA / ±2mA (Option)		
Temp. Resistor Simulation	100Ω ~ 1.6MΩ (1Ω step)		
Temp. Simulator Accuracy	±1%		
Isolation	1kV		
Control Interface	Ethernet or CAN-FD		Ethernet
Fault Simulation	Cell, Temp. Line (Open / Close)		
Purpose	EOL / HIL		High Speed HIL