

# AUTEL MAXIEV

# EV BATTERY DISCHARGER & CHARGER UNIT

## WIDE-VOLTAGE TESTS AND MAINTENANCE MODES

## MAXIEV CDT100

### FEATURES & FUNCTIONS

- Wide voltage design, suitable for discharge, charge, and activation testing of modules with different voltage levels.
- Set Constant Current and Power, Charge and Discharge modes for varied applications.
- Improves charging efficiency by ensuring full charge.
- Optimize battery pack capacity with constant current discharge, and charge modes.
- Issues warnings for reverse connection, overtemperature, overcurrent, fan failure and overcharge.
- Displays single-cell maximum/minimum voltage and other data onscreen in graphs, columns, and report forms with optional connectors (included in kit).
- Zoom-in and Zoom-out display capability



### HARDWARE SPECIFICATIONS

CHARGE-DISCHARGE VOLTAGE RANGE	DC 2-285V
ACCURACY	±0.5 FS
CELL VOLTAGE RANGE	0-5V
CELL VOLTAGE ACCURACY	0.001V
DISCHARGE CURRENT RANGE	150A/7.2kW Max.
DISCHARGE CURRENT ACCURACY	±1 FS
CHARGE CURRENT RANGE	100A/4.4kW Max.
CHARGE CURRENT ACCURACY	±1 FS
POWER SUPPLY	AC 110/220V
WORKING MODE	Discharge, charge, activation
DEVICE SAFETY	Multi-protection of DC input overvoltage, reverse connection, discharge overcurrent, system overtemperature
DIMENSIONS (WEIGHT)	530x300x350mm (23.4kg)

### INDUSTRY APPLICATIONS

#### Battery/Vehicle Transport:

- Safely discharge batteries to DOT transport guidelines (Air: 20%, Land/Sea: 40%).
- For car dealers moving EV and Plug in Hybrids between locations.

#### Passenger & Commercial Vehicles: Mechanical & Collision

- Direct charging and discharging before, during, and after vehicle repair for safety.
- Discharge the battery before placing the vehicle in the baking booth.
- Restore range and performance by balancing a battery.

#### Salvage Yards and Vehicle Warehouses:

- Prevent thermal runaway events (fires) by discharging batteries.



### AUTEL ACADEMY TECHNICAL TRAINING

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