

# Electric Vehicle Supply Equipment

## Catalog No.

# DCT-350

## EVSE Test System Product Specifications

The DCT350 is a DC reference standard and waveform generator in a rack. The unit has two voltage channels center tapped to GND and two current channels. The DCT-350 is used to efficiently calibrate TESCO EVSE Test equipment.

### SPECIFICATIONS

#### Digital Waveform Generator Capabilities:

- **Two voltage and two current channels**
- **Voltage:**
  1. 1V – 1000V Line to Line, center tapped to GND
  2. 1V adjustment increment
  3. Accuracy 1%
  4. Output power: 100VA
- **Current:**
  1. 1A – 630A rms
  2. 1A adjustment increment
  3. Accuracy 1%
  4. Compliance voltage: 2V

#### Integrated Reference Standard:

- **Two voltage and two current channels**
- **Measurement accuracy:** (100 Vdc – 1000 Vdc, 20 Adc – 600 Adc)

1. Voltage:  $\pm 0.05\%$
2. Current:  $\pm 0.05\%$
3. Energy:  $\pm 0.1\%$

- Time domain and frequency domain measurements

### PHYSICAL

- **Size:** 25.54"L x 25.62"W x 75.5"H. 15" shelf
- **Screen:** 21" screen
- **Main Power Break**
- **Cabling:**
  1. DCT-350 - DB9 pulse cable
  2. DCT-350 – CCS1 DC calibration cable
  3. DCT-350 – NACS DC calibration cable
  4. DCT-350 – DC return cable

### INPUT

- 240V, 30A, 60Hz
- Ethernet cable for network connectivity
- DB9 header for calibration and synchronization with device under test



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