


CSD-925-1 Battery Test System

Specification	
	<p>Battery service profiles; (Profiles can be added, subtracted or modified)</p> <p>Profiles are generated and stored as needed using supplied ScriptBuilder software.</p>
Mechanical	
Size	9"H x 23"W x 16"D (with lid closed)
Weight	45 pounds
Electrical – Input	
Input Voltage	90 to 264 Volts AC
Frequency	50 / 60 Hz ¹
Current Requirements	13.5 Amps Maximum
Electrical – Output	
Constant Current Charge	0.04 to 25 Amps
Constant Current Discharge	0.04 to 50 Amps (1500 Watts maximum discharge power)
Electrical – Displays	
Current	-80 to +80 Amps (12 bit resolution)
Voltage	-50 to +50 Vdc (12 bit resolution)
Time	596 Hours, 31 Minutes, 26 Seconds Maximum
Amp Hours	0 AH to 99999.99 AH Maximum
Profile Step	1 to 10
Temperature	32.0°F to 140.0°F (12 bit resolution)
Electrical – Tolerances	
Current	Less than 4.5 Amps (± 3 mA) Greater than or equal to 4.5 Amps ($\pm 1\%$ full scale)
Voltage	± 100 mV
Temperature	$\pm 5^\circ$ Fahrenheit
Time	± 10 Seconds
Environmental – Non-Operating	
Altitude	0 to 40,000 feet
Ambient Temperature	-40°F to 159°F
Environmental – Operating	
Altitude	0 to 8,000 feet
Ambient Temperature	32°F to 104°F
Charger Function	
Constant Current Mode	Programmable for Any Value Between 0 and 25 Amps
Battery Voltages – Constant Current Charge	1.25, 2, 6, 12, 24, 28, 36
Constant Potential Mode	Programmable for Any Value Between 0 and 48 Volts
Battery Voltages – Constant Potential Charge	1.25, 2, 6, 12, 24, 28, 36
Number of Profile Steps	1 to 10
Charge to Voltage, Current, Time, Negative Slope Sensing, Temperature Compensation, Delta Thermal Protection	
Other Functions	
Capacity Test, Voltage / Current Monitoring, Serial Data Collection Compatible (RS-232), Data Collection Software Included, Pause / Resume Function, Viewable Profile History Summary, Audio / Visual Indicators, Can store up to 80 different battery profiles	
Available Accessories	
Battery cables specific to the batteries listed	
¹ Can be configured for up to 880 Hz	