

Comparison Table of Cadex C7400ER and C8000

Digital technology offers a large test range and stable power in a compact housing. No need to purchase additional modules.

	C7400ER	C8000
Battery voltage range	1.2 to 36V	1.2 to 36V
Maximum charge/discharge	6A	10A
Minimum charge/discharge	100mA	30mA
Current increment step	25mA	1mA
Voltage accuracy	+/- 1.0% full scale	C8000: +/-0.1% full scale
Current accuracy	+/-0.25% full scale	+/-0.25% full scale
Maximum charge power	170W	400W
Maximum discharge power	200W	320W
Analog & digital I/O ports	--	4 analog input 2 analog output 4 digital Input/Output, SMBus
Power port cables	--	Includes (4) Power Cables, 1.8 m with banana terminals and alligator clips and (1) Dual Power Port Cable
PC software	Optional BatteryShop™	Includes PC-BatteryLab™
Basic Programs	Charge, Auto, Prime, Boost	Charge, Auto, Prime, Boost
Advanced Programs	Runtime, Life Cycle, Self-discharge, Discharge only, Extended Prime, QuickSort, Ohm Test	Runtime, Life Cycle, Self-discharge, Discharge only, CDMA, GSM, Extended Prime, Load Capture
SMBus Programs	--	Battery info, Fuel gauge calibrate, SMB charge, SMB discharge
Custom Programs	Programmable to 4 phases with repeats	Up to 100 steps per program
System	Desktop	Desktop or rack mount
Real-time program control	Start/stop programs	Start/suspend/halt program, jump to next step
Data graphing	Voltage, current & temperature	Voltage, current, temperature, Ohm range, Auxiliary port, SMBus (current, temperature, status, voltage), thermal chamber (basic status, temperature)