

DOBLE PROTECTION TESTING

# F8 CHASSIS

Four-module and seven-module F8 test system frames

Making your ideal test set on the F8 platform begins with your choice of thoughtfully designed chassis. Each includes a Command Module and a 90 W battery simulator and reserves the slot on the top row for logic I/O or other non-source (voltage or current) modules. The F8-series modules you select are easy to remove and replace at your discretion and blanks are available for safe operation of your test set if using it with any empty module slots.

Beyond modularity, F8 chassis offer versatility. With sizes and specs equally suited to laboratory and field environments, the choice is yours whether to order them with special brackets and hardware for installing in 19" racks or with corner-and-edge protective bumpers and accessories for carrying and transporting them between jobsites. For convenience with either use case, power on/off is found at both the rear (if portable) and front (if rack mounted) of your F8 instruments.



## F8200

A four-module design for a compact instrument with next-level protection testing performance.



## F8300

Hosts more modules for expanded protection testing capabilities.

## F8200/F8300 CHASSIS TECHNICAL DATA

Power Supply	Power Supply Range	100 VAC to 240 VAC (-10/+25 V)
	Power Supply Frequency	50/60 Hz $\pm 3$ Hz
	Maximum System Power Available	120 VAC / 1800 W 240 VAC / 3200 W
	Maximum Amplifier Power Available	120 VAC / 1600 W 240 VAC / 1600 W
Battery Simulator	Range	6 VDC to 300 VDC
	Power Output	90 W
	Resolution	1 V
	Output Current	1.5 A
	Max Voltage Ripple	0.2 % of range
	Accuracy	$< \pm 5$ %
Certifications	Environmental	IEC 60068-2-1 (cold storage & operating) IEC 60068-2-2 (dry heat storage & operating) IEC 60068-2-30 (damp heat storage & operating)
	Mechanical	IEC 60068-2-6 (vibration resilience) IEC 60068-2-27 (mechanical shock resilience) IEC 60068-2-64 (rotational drop resilience) IEC 60529 IP20 (water and dust resistance)
	Safety	IEC/EN 61010-1 & UL 61010-1 & CSA C22.2#61010-1-12:2012 IEC/EN 60825-1:2014
	EMC	FCC 47 CFR Part 15, Class A (USA) ICES-001 Issue 3 ISM (Canada) EN55011:2016 AS/NZS CISPR11:2019 EN61326:2013 EN610000-6-2 EN610000-4-2/3/4/5/6/11
	Other	RoHS
Environmental	Operating Temperature	14° to 122° F (-10° to 50° C)
	Storage Temperature	-58° to 185° F (-50° to 85° C)
	Humidity Range	Up to 95 % relative humidity, non-condensing
Chassis	Size - F8200	W: 17.25" (43.8 cm) H: 5.25" (13.3 cm) D: 13" (33 cm)
	Frame Weight - F8200	13 lbs. (5.9 kg)
	Size - F8300	W: 17.25" (43.8 cm) H: 7.75" (19.7 cm) D: 13" (33 cm)
	Frame Weight - F8300	22 lbs. (10 kg)



### F8200/F8300 CHASSIS ACCESSORY KIT:

- 1 x Lead (solid green) 6 foot (1.82 meter)
- 1 x Lead (green with white stripe) 6 foot (1.82 meter)
- 1 x Lead (green with yellow stripe) 6 foot (1.82 meter)
- 1 x Power Cord
- 1 x Transport Bag
- 1 x Portfolio Bag
- 1 x Accessory Bag
- 1 x Carrying Strap Set



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