



Battery Cabinet Systems

RANGE SUMMARY



Introduction to . . . DataSafe® HX Battery Cabinet Systems

data safe[®]
HX

DataSafe® HX range of valve regulated lead acid batteries has been designed to offer superior solutions for Uninterruptible Power Supply markets.

The HX battery cabinet offering now makes the DataSafe HX battery the ideal choice to optimize your UPS system installation, while offering flexibility in allowing customized options that enables you to design the perfect system for your particular application.

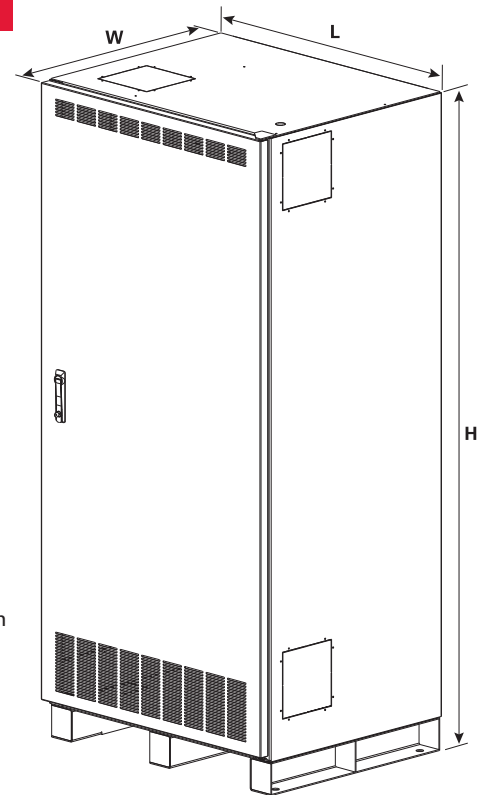
DataSafe HX battery cabinet systems are factory pre-wired to minimize installation time. With a space efficient footprint, transport to the installation site is simplified and overall footprint is optimized.

The cabinet systems are UL1778 listed and approved for UBC seismic zone 4 installations as a standard feature, allowing installation in the most demanding and critical applications.

DataSafe HX batteries complete the high quality system by offering a superior performance UPS battery built to the highest standards in the industry.

Features & Benefits

- ETL, CSA and UL1778 listed
- UBC seismic Zone 4 standard
- Factory pre-wired to reduce installation time
- Flexible design simplifies customization for options including circuit breakers and casters for specific customer needs
- Dual DC rated fuses per cabinet are standard
- Space efficient design reduces footprint requirements
- Hinged front doors and removable rear panels simplify maintenance routines
- Easily upgradeable to include battery monitoring systems
- Multiple cabinet colors available to match UPS equipment
- Several knockout locations to accommodate specific site wiring needs



GENERAL SPECIFICATIONS

DataSafe® HX Battery Cabinet System Model No.*	DataSafe® HX Battery Type	Nominal System Voltage	No. Strings	No. Units/ Cabinet	Nominal Dimensions			Net Weight lbs	Pkg Weight lbs
					Length inch	Width inch	Height inch		
25E1E205XD4802F15000A01	12HX205	480	1	40	29.0	31.5	59.0	2095	2125
43E1E300XD4802F20000A01	12HX300	480	1	40	36.0	29.5	78.7	2888	2918
55E1E330XD4802F25000A01	12HX330	480	1	40	40.0	29.5	78.7	3360	3390
55E1E400XD4802F30000A01	12HX400	480	1	40	40.0	29.5	78.7	3720	3750
55E1E505XD4802F40000A01	12HX505	480	1	40	40.0	29.5	78.7	4640	4670
55E1E540XD4802F40000A01	12HX540	480	1	40	40.0	29.5	78.7	4760	4790
25E1E205XD3842F15000A01	12HX205	384	1	32	29.0	31.5	59.0	1751	1781
39E1E300XD3842F20000A01	12HX300	384	1	32	36.0	29.5	71.0	2383	2413
39E1E330XD3842F25000A01	12HX330	384	1	32	36.0	29.5	71.0	2735	2765
39E1E400XD3842F30000A01	12HX400	384	1	32	36.0	29.5	71.0	3023	3053
43E1E505XD3842F40000A01	12HX505	384	1	32	36.0	29.5	78.7	3784	3814
43E1E540XD3842F40000A01	12HX540	384	1	32	36.0	29.5	78.7	3880	3910
25E1E205XD3602F15000A01	12HX205	360	1	30	29.0	31.5	59.0	1665	1695
39E1E300XD3602F20000A01	12HX300	360	1	30	36.0	29.5	71.0	2263	2293
39E1E330XD3602F25000A01	12HX330	360	1	30	36.0	29.5	71.0	2593	2623
39E1E400XD3602F30000A01	12HX400	360	1	30	36.0	29.5	71.0	2863	2893
43E1E505XD3602F40000A01	12HX505	360	1	30	36.0	29.5	78.7	3578	3608
43E1E540XD3602F40000A01	12HX540	360	1	30	36.0	29.5	78.7	3668	3698
25E1E205XD2402F15000A01	12HX205	240	1	20	29.0	31.5	59.0	1235	1265
25E1E300XD2402F20000A01	12HX300	240	1	20	29.0	31.5	59.0	1575	1605
25E1E330XD2402F25000A01	12HX330	240	1	20	29.0	31.5	59.0	1795	1825
39E1E400XD2402F30000A01	12HX400	240	1	20	36.0	29.5	71.0	2063	2093
39E1E505XD2402F40000A01	12HX505	240	1	20	36.0	29.5	71.0	2523	2553
39E1E540XD2402F40000A01	12HX540	240	1	20	36.0	29.5	71.0	2583	2613
25E1E205XD1922F15000A01	12HX205	192	1	16	29.0	31.5	59.0	1063	1093
25E1E300XD1922F20000A01	12HX300	192	1	16	29.0	31.5	59.0	1335	1365
25E1E330XD1922F25000A01	12HX330	192	1	16	29.0	31.5	59.0	1511	1541
25E1E400XD1922F30000A01	12HX400	192	1	16	29.0	31.5	59.0	1655	1685
39E1E505XD1922F40000A01	12HX505	192	1	16	36.0	29.5	71.0	2111	2141
39E1E540XD1922F40000A01	12HX540	192	1	16	36.0	29.5	71.0	2159	2189
25E1E205XD1202F15000A01	12HX205	120	1	10	29.0	31.5	59.0	805	835
25E1E300XD1202F20000A01	12HX300	120	1	10	29.0	31.5	59.0	975	1005
25E1E330XD1202F25000A01	12HX330	120	1	10	29.0	31.5	59.0	1085	1115
25E1E400XD1202F30000A01	12HX400	120	1	10	29.0	31.5	59.0	1175	1205
39E1E505XD1202F40000A01	12HX505	120	1	10	36.0	29.5	71.0	1493	1523
39E1E540XD1202F40000A01	12HX540	120	1	10	36.0	29.5	71.0	1523	1553

* System model numbers are based on 15 minute or longer run time. For less than 15 minute requirements larger fuses are required. Contact your local EnerSys® representative. For breaker option, replace "2F" with "1B". Custom models available for other system voltages and kW requirements.

Constant Power Discharge (Battery System kW) to 1.67Vpc at 77°F (25°C)

DataSafe® HX Cell	End Volts	Minutes					
		5	10	15	20	30	60
480 VOLTS							
12HX 205	1.67	97.92	65.52	49.20	39.24	28.56	16.08
12HX 300	1.67	134.64	89.52	68.16	54.77	42.36	24.43
12HX 330	1.67	152.88	104.40	80.64	66.12	49.44	28.63
12HX 400	1.67	173.28	119.52	91.44	74.81	55.44	32.14
12HX 505	1.67	209.28	156.72	121.44	98.69	72.24	41.52
12HX 540	1.67	222.96	165.84	129.60	106.44	78.24	44.64
384 VOLTS							
12HX 205	1.67	78.34	52.42	39.36	31.39	22.85	12.86
12HX 300	1.67	107.71	71.62	54.53	43.81	33.89	19.55
12HX 330	1.67	122.30	83.52	64.51	52.90	39.55	22.91
12HX 400	1.67	138.62	95.62	73.15	59.85	44.35	25.71
12HX 505	1.67	167.42	125.38	97.15	78.95	57.79	33.22
12HX 540	1.67	178.37	132.67	103.68	85.15	62.59	35.71
360 VOLTS							
12HX 205	1.67	73.44	49.14	36.90	29.43	21.42	12.06
12HX 300	1.67	100.98	67.14	51.12	41.08	31.77	18.32
12HX 330	1.67	114.66	78.30	60.48	49.59	37.08	21.47
12HX 400	1.67	129.96	89.64	68.58	56.11	41.58	24.10
12HX 505	1.67	156.96	117.54	91.08	74.02	54.18	31.14
12HX 540	1.67	167.22	124.38	97.20	79.83	58.68	33.48
240 VOLTS							
12HX 205	1.67	48.96	32.76	24.60	19.62	14.28	8.04
12HX 300	1.67	67.32	44.76	34.08	27.38	21.18	12.22
12HX 330	1.67	76.44	52.20	40.32	33.06	24.72	14.32
12HX 400	1.67	86.64	59.76	45.72	37.40	27.72	16.07
12HX 505	1.67	104.64	78.36	60.72	49.34	36.12	20.76
12HX 540	1.67	111.48	82.92	64.80	53.22	39.12	22.32
192 VOLTS							
12HX 205	1.67	39.17	26.21	19.68	15.70	11.42	6.43
12HX 300	1.67	53.86	35.81	27.26	21.91	16.94	9.77
12HX 330	1.67	61.15	41.76	32.26	26.45	19.78	11.45
12HX 400	1.67	69.31	47.81	36.58	29.92	22.18	12.85
12HX 505	1.67	83.71	62.69	48.58	39.48	28.90	16.61
12HX 540	1.67	89.18	66.34	51.84	42.58	31.30	17.86
120 VOLTS							
12HX 205	1.67	24.48	16.38	12.30	9.81	7.14	4.02
12HX 300	1.67	33.66	22.38	17.04	13.69	10.59	6.11
12HX 330	1.67	38.22	26.10	20.16	16.53	12.36	7.16
12HX 400	1.67	43.32	29.88	22.86	18.70	13.86	8.03
12HX 505	1.67	52.32	39.18	30.36	24.67	18.06	10.38
12HX 540	1.67	55.74	41.46	32.40	26.61	19.56	11.16

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Battery Services for Backup Power

- Battery Installation
- Capacity and Acceptance Testing
- Preventative Maintenance
- Recycling

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