



Battery Cabinet Range Summary

DataSafe[®] HX Batteries and Cabinet Systems

The DataSafe[®] HX range of Valve Regulated Lead Acid (VRLA) batteries has been designed to offer superior solutions for Uninterruptible Power Supply (UPS) 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 enabling you to design the perfect system for your particular application.

DataSafe HX battery cabinet systems are factory pre-wired to minimize installation time. The cabinet design optimizes the overall footprint.

DataSafe[®] Battery Cabinet Features and Benefits

- ETL, CSA and UL1778 Listed
- Meets International Building Code (IBC) 2012
- Meets California Building Code (CBC) 2013
- Factory pre-wired to reduce installation time
- Flexible design simplifies customization for options including circuit breakers
- Hinged front door and removable rear panels simplify maintenance routines
- Available in beige or black
- Several knockout locations to accommodate specific site wiring needs

DataSafe[®] XE Batteries and Cabinet Systems

DataSafe XE batteries, manufactured with Thin Plate Pure Lead (TPPL) technology, are specifically designed for shorter duration autonomies. With more power at a shorter duration, DataSafe XE batteries last longer even in higher operating temperature, recharge the battery to better support multiple outages and provides lower energy savings on float.

DataSafe XE batteries are the ideal choice for new hyperscale datacenters where reliability, operating costs and space efficiency are paramount for these demanding applications.

DataSafe XE battery cabinet systems are factory pre-wired to minimize installation time. The cabinet design optimizes the overall footprint.

DataSafe® Battery Cabinet Systems

About the DataSafe Battery Cabinet model numbering system

When referring to the model listings below: The first 2 digits represent the available cabinet sizes (all noted as 25 below are also available in 39, 43 or 55). The “E1E” represents EnerSys 1 string (2 strings requires a quote from EnerSys). The following 3 digits indicate the battery type (e.g., 205, 300, etc.). “XD” is representative of the connecting hardware. The following 3 digits represent the Bus voltage (480, 384, etc.). “1B” indicates the breaker, and the following 3 digits indicate the breaker size range (600-030). The “#” indicates the number of auxiliary contacts – choices are 0, 1 or 2. The next digit indicates the inclusion of a Bell Alarm: “0” = no, “1” = yes. The “*” is the indicator of the breaker option: list “W” for 24 VDC Shunt Trip; “X” for 48 VDC Shunt Trip, “H” for 24 UVR or “J” for 48 UVR. “S1” indicates Seismic IBC 2012. “??” indicates the cabinet color: choose “QB” for beige or “BT” for black. Fuses are no longer offered.

Model Number	DataSafe® Battery Type	System Voltage	Number of Strings	Number of Units in Cabinet	Nominal Dimensions			Net Weight lbs (kg)	Package Weight lbs (kg)
					Length inches (mm)	Width inches (mm)	Height inches (mm)		
39E1E205XD4801B150#0*S1??	12HX205-FR	480	1	40	36.0 (914)	29.5 (749)	70.7 (1796)	2315 (1050)	2345 (1064)
43E1E300XD4801B200#0*S1??	12HX300-FR	480	1	40	36.0 (914)	29.5 (749)	78.7 (1999)	3005 (1363)	3035 (1377)
55E1E330XD4801B250#0*S1??	12HX330-FR	480	1	40	40.0 (1016)	29.5 (749)	78.7 (1999)	3535 (1603)	3565 (1617)
55E1E400XD4801B250#0*S1??	12HX400-FR	480	1	40	40.0 (1016)	29.5 (749)	78.7 (1999)	3895 (1767)	3925 (1780)
55E1E505XD4801B300#0*S1??	12HX505-FR	480	1	40	40.0 (1016)	29.5 (749)	78.7 (1999)	4815 (21847)	4845 (2198)
55E1E540XD4801B300#0*S1??	12HX540-FR	480	1	40	40.0 (1016)	29.5 (749)	78.7 (1999)	4935 (2238)	4965 (2252)
55E1E560XD4801B300#0*S1??	12HX560+FR	480	1	40	40.0 (1016)	29.5 (749)	78.7 (1999)	4575 (2075)	4605 (2089)
55E1EE76XD4801B250#0*S1??	12XE760-FR	480	1	40	40.0 (1016)	29.5 (749)	78.7 (1999)	3815 (1730)	3845 (1744)
55E1EE10XD4801B300#0*S1??	12XE1040-FR	480	1	40	40.0 (1016)	29.5 (749)	78.7 (1999)	4575 (2075)	4605 (2089)
39E1E205XD3841B150#0*S1??	12HX205-FR	384	1	32	36.0 (914)	29.5 (749)	70.7 (1796)	1971 (894)	2001 (908)
43E1E300XD3841B200#0*S1??	12HX300-FR	384	1	32	36.0 (914)	29.5 (749)	78.7 (1999)	2525 (1145)	2555 (1159)
43E1E330XD3841B250#0*S1??	12HX330-FR	384	1	32	36.0 (914)	29.5 (749)	78.7 (1999)	2877 (1305)	2907 (1319)
43E1E400XD3841B250#0*S1??	12HX400-FR	384	1	32	36.0 (914)	29.5 (749)	78.7 (1999)	3165 (1436)	3195 (1449)
43E1E505XD3841B300#0*S1??	12HX505-FR	384	1	32	36.0 (914)	29.5 (749)	78.7 (1999)	3901 (1769)	3931 (1783)
43E1E540XD3841B400#0*S1??	12HX540-FR	384	1	32	36.0 (914)	29.5 (749)	78.7 (1999)	3997 (1813)	4027 (1827)
43E1E560XD3841B400#0*S1??	12HX560+FR	384	1	32	36.0 (914)	29.5 (749)	78.7 (1999)	3709 (1682)	3739 (1696)
43E1EE76XD3841B250#0*S1??	12XE760-FR	384	1	32	36.0 (914)	29.5 (749)	78.7 (1999)	3101 (1407)	3131 (1420)
43E1EE10XD3841B400#0*S1??	12XE1040-FR	384	1	32	36.0 (914)	29.5 (749)	78.7 (1999)	3709 (1682)	3739 (1696)
39E1E205XD3601B150#0*S1??	12HX205-FR	360	1	30	36.0 (914)	29.5 (749)	70.7 (1796)	1885 (855)	1915 (869)
39E1E300XD3601B200#0*S1??	12HX300-FR	360	1	30	36.0 (914)	29.5 (749)	70.7 (1796)	2395 (1086)	2425 (1100)
39E1E330XD3601B250#0*S1??	12HX330-FR	360	1	30	36.0 (914)	29.5 (749)	70.7 (1796)	2725 (1236)	2755 (1250)
43E1E400XD3601B250#0*S1??	12HX400-FR	360	1	30	36.0 (914)	29.5 (749)	78.7 (1999)	3005 (1363)	3035 (1377)
43E1E505XD3601B300#0*S1??	12HX505-FR	360	1	30	36.0 (914)	29.5 (749)	78.7 (1999)	3695 (1676)	3725 (1690)
43E1E540XD3601B400#0*S1??	12HX540-FR	360	1	30	36.0 (914)	29.5 (749)	78.7 (1999)	3785 (1717)	3815 (1730)
43E1E560XD3841B400#0*S1??	12HX560+FR	360	1	30	36.0 (914)	29.5 (749)	78.7 (1999)	3709 (1682)	3739 (1696)
43E1E560XD3601B400#0*S1??	12XE760-FR	360	1	30	36.0 (914)	29.5 (749)	78.7 (1999)	2945 (1336)	2975 (1349)
43E1EE10XD3601B400#0*S1??	12XE1040-FR	360	1	30	36.0 (914)	29.5 (749)	78.7 (1999)	3515 (1594)	3545 (1608)

* HX System Model Numbers are based on 15 minute run time. For less than 15 minutes larger breakers are required.

** XE System Model Numbers are based on 5 minute run time. Custom model numbers available for other system voltages and kW requirements.

Model Number	DataSafe® Battery Type	System Voltage	Number of Strings	Number of Units in Cabinet	Nominal Dimensions			Net Weight lbs (kg)	Package Weight lbs (kg)
					Length inches (mm)	Width inches (mm)	Height inches (mm)		
25E1E205XD2401B150#0*S1??	12HX205-FR	240	1	20	29.0 (737)	31.5 (800)	59.0 (1499)	1340 (608)	1370 (621)
25E1E300XD2401B200#0*S1??	12HX300-FR	240	1	20	29.0 (737)	31.5 (800)	59.0 (1499)	1680 (762)	1710 (776)
25E1E330XD2401B250#0*S1??	12HX330-FR	240	1	20	29.0 (737)	31.5 (800)	59.0 (1499)	1900 (862)	1930 (875)
25E1E400XD2401B300#0*S1??	12HX400-FR	240	1	20	29.0 (737)	31.5 (800)	59.0 (1499)	2080 (943)	2110 (957)
25E1E505XD2401B400#0*S1??	12HX505-FR	240	1	20	29.0 (737)	31.5 (800)	59.0 (1499)	2540 (1152)	2570 (1166)
25E1E540XD2401B400#0*S1??	12HX540-FR	240	1	20	29.0 (737)	31.5 (800)	59.0 (1499)	2600 (1179)	2630 (1193)
25E1E560XD2401B400#0*S1??	12HX560+FR	240	1	20	29.0 (737)	31.5 (800)	59.0 (1499)	2420 (1098)	2450 (1111)
25E1E760XD2401B300#0*S1??	12XE760-FR	240	1	20	29.0 (737)	31.5 (800)	59.0 (1499)	2040 (925)	2070 (939)
25E1EE10XD2401B400#0*S1??	12XE1040-FR	240	1	20	29.0 (737)	31.5 (800)	59.0 (1499)	2420 (1098)	2450 (1111)
25E1E205XD1921B150#0*S1??	12HX205-FR	192	1	16	29.0 (737)	31.5 (800)	59.0 (1499)	1168 (530)	1198 (543)
25E1E300XD1921B200#0*S1??	12HX300-FR	192	1	16	29.0 (737)	31.5 (800)	59.0 (1499)	1440 (653)	1470 (667)
25E1E330XD1921B250#0*S1??	12HX330-FR	192	1	16	29.0 (737)	31.5 (800)	59.0 (1499)	1616 (733)	1646 (747)
25E1E400XD1921B300#0*S1??	12HX400-FR	192	1	16	29.0 (737)	31.5 (800)	59.0 (1499)	1760 (798)	1790 (812)
25E1E505XD1921B400#0*S1??	12HX505-FR	192	1	16	29.0 (737)	31.5 (800)	59.0 (1499)	2128 (965)	2158 (979)
25E1E540XD1921B400#0*S1??	12HX540-FR	192	1	16	29.0 (737)	31.5 (800)	59.0 (1499)	2176 (987)	2206 (1001)
25E1E560XD1921B400#0*S1??	12HX560+FR	192	1	16	29.0 (737)	31.5 (800)	59.0 (1499)	2032 (922)	2062 (935)
25E1E760XD1921B300#0*S1??	12XE760-FR	192	1	16	29.0 (737)	31.5 (800)	59.0 (1499)	1728 (784)	1758 (797)
25E1EE10XD1921B400#0*S1??	12XE1040-FR	192	1	16	29.0 (737)	31.5 (800)	59.0 (1499)	2032 (922)	2062 (935)
25E1E205XD1441B150#0*S1??	12HX205-FR	144	1	12	29.0 (737)	31.5 (800)	59.0 (1499)	996 (452)	1026 (465)
25E1E300XD1441B200#0*S1??	12HX300-FR	144	1	12	29.0 (737)	31.5 (800)	59.0 (1499)	1200 (544)	1230 (558)
25E1E330XD1441B250#0*S1??	12HX330-FR	144	1	12	29.0 (737)	31.5 (800)	59.0 (1499)	1332 (604)	1362 (618)
25E1E400XD1441B300#0*S1??	12HX400-FR	144	1	12	29.0 (737)	31.5 (800)	59.0 (1499)	1440 (653)	1470 (667)
25E1E505XD1441B400#0*S1??	12HX505-FR	144	1	12	29.0 (737)	31.5 (800)	59.0 (1499)	1716 (778)	1746 (792)
25E1E540XD1441B400#0*S1??	12HX540-FR	144	1	12	29.0 (737)	31.5 (800)	59.0 (1499)	1752 (795)	1782 (808)
25E1E560XD1441B400#0*S1??	12HX560+FR	144	1	12	29.0 (737)	31.5 (800)	59.0 (1499)	1644 (746)	1674 (759)
25E1E760XD1441B300#0*S1??	12XE760-FR	144	1	12	29.0 (737)	31.5 (800)	59.0 (1499)	1416 (642)	1446 (656)
25E1EE10XD1441B400#0*S1??	12XE1040-FR	144	1	12	29.0 (737)	31.5 (800)	59.0 (1499)	1644 (746)	1674 (759)

* HX System Model Numbers are based on 15 minute run time. For less than 15 minutes larger breakers are required.

** XE System Model Numbers are based on 5 minute run time. Custom model numbers available for other system voltages and kW requirements.

DataSafe® Batteries

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

480V System

Battery Model	End Volts	Minutes					
		5	10	15	20	30	60
12HX205-FR	1.67	98.88	65.76	49.44	39.36	28.56	16.08
12HX300-FR	1.67	133.92	89.52	68.16	55.44	41.76	24.48
12HX330-FR	1.67	152.88	104.40	80.64	66.24	49.44	28.80
12HX400-FR	1.67	173.28	119.52	91.44	75.15	55.68	32.64
12HX505-FR	1.67	210.48	156.72	121.44	98.88	72.24	41.52
12HX540-FR	1.67	223.44	165.84	129.60	106.56	78.24	44.64
12HX560+FR	1.67	247.68	168.48	134.40	111.60	83.76	48.96
12XE760-FR	1.67	183.36	122.64	93.60	76.80	56.88	33.12
12XE1040-FR	1.67	249.60	170.88	134.40	109.92	81.60	47.28

360V System

Battery Model	End Volts	Minutes					
		5	10	15	20	30	60
12HX205-FR	1.67	74.16	49.32	37.08	29.52	21.42	12.06
12HX300-FR	1.67	100.44	67.14	51.12	41.58	31.32	18.36
12HX330-FR	1.67	114.66	78.30	60.48	49.68	37.08	21.60
12HX400-FR	1.67	129.96	89.64	68.58	56.34	41.76	24.48
12HX505-FR	1.67	157.86	117.54	91.08	74.16	54.18	31.14
12HX540-FR	1.67	167.58	124.38	97.20	79.92	58.68	33.48
12HX560+FR	1.67	185.76	126.36	100.80	83.70	62.82	36.72
12XE760-FR	1.67	137.52	91.98	70.20	57.60	42.66	24.84
12XE1040-FR	1.67	187.20	128.16	100.80	82.44	61.20	35.46

192V System

Battery Model	End Volts	Minutes					
		5	10	15	20	30	60
12HX205-FR	1.67	39.55	26.30	19.78	15.74	11.42	6.43
12HX300-FR	1.67	53.57	35.81	27.26	22.18	16.70	9.79
12HX330-FR	1.67	61.15	41.76	32.26	26.50	19.78	11.52
12HX400-FR	1.67	69.31	47.81	36.58	30.05	22.27	13.06
12HX505-FR	1.67	84.19	62.69	48.58	39.55	28.90	16.61
12HX540-FR	1.67	89.38	66.34	51.84	42.62	31.30	17.86
12HX560+FR	1.67	99.07	67.39	53.76	44.64	33.50	19.58
12XE760-FR	1.67	73.34	49.06	37.44	30.72	22.75	13.25
12XE1040-FR	1.67	99.84	68.35	53.76	43.97	32.64	18.91

384V System

Battery Model	End Volts	Minutes					
		5	10	15	20	30	60
12HX205-FR	1.67	79.10	52.61	39.55	31.49	22.85	12.86
12HX300-FR	1.67	107.14	71.62	54.53	44.35	33.41	19.58
12HX330-FR	1.67	122.30	83.52	64.51	52.99	39.55	23.04
12HX400-FR	1.67	138.62	95.62	73.15	60.10	44.54	26.11
12HX505-FR	1.67	168.38	125.38	97.15	79.10	57.79	33.22
12HX540-FR	1.67	178.75	132.67	103.68	85.25	62.59	35.71
12HX560+FR	1.67	198.14	134.78	107.52	89.28	67.01	39.17
12XE760-FR	1.67	146.69	98.11	74.88	61.44	45.50	26.50
12XE1040-FR	1.67	199.68	136.70	107.52	87.94	65.28	37.82

240V System

Battery Model	End Volts	Minutes					
		5	10	15	20	30	60
12HX205-FR	1.67	49.44	32.88	24.72	19.68	14.28	8.04
12HX300-FR	1.67	66.96	44.76	34.08	27.72	20.88	12.24
12HX330-FR	1.67	76.44	52.20	40.32	33.12	24.72	14.40
12HX400-FR	1.67	86.64	59.76	45.72	37.56	27.84	16.32
12HX505-FR	1.67	105.24	78.36	60.72	49.44	36.12	20.76
12HX540-FR	1.67	111.72	82.92	64.80	53.28	39.12	22.32
12HX560+FR	1.67	123.84	84.24	67.20	55.80	41.88	24.48
12XE760-FR	1.67	91.68	61.32	46.80	38.40	28.44	16.56
12XE1040-FR	1.67	124.80	85.44	67.20	54.96	40.80	23.64

120V System

Battery Model	End Volts	Minutes					
		5	10	15	20	30	60
12HX205-FR	1.67	24.72	16.44	12.36	9.84	7.14	4.02
12HX300-FR	1.67	33.48	22.38	17.04	13.86	10.44	6.12
12HX330-FR	1.67	38.22	26.10	20.16	16.56	12.36	7.20
12HX400-FR	1.67	43.32	29.88	22.86	18.78	13.92	8.16
12HX505-FR	1.67	52.62	39.18	30.36	24.72	18.06	10.38
12HX540-FR	1.67	55.86	41.46	32.40	26.64	19.56	11.16
12HX560+FR	1.67	61.92	42.12	33.6	27.90	20.94	12.24
12XE760-FR	1.67	45.84	30.66	23.40	19.20	14.22	8.28
12XE1040-FR	1.67	62.40	42.72	33.60	27.48	20.40	11.82



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