

EnerSys[®]

Power/Full Solutions

Batteries for the UPS industry



data safe[®]

PowerSafe[®]

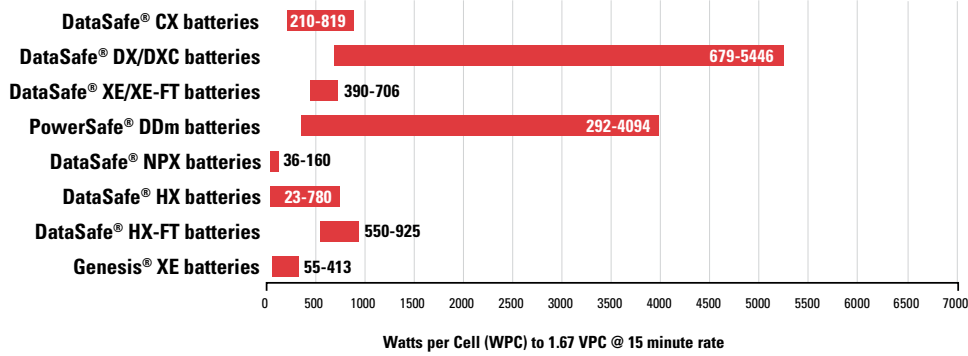
genesis[®]

Power through it all with EnerSys®

With the growth of integrated networks and systems, dependence on continuous power has never been more critical. As the global leader in stored energy solutions for industrial applications, EnerSys® provides a wide range of reserve power batteries for Uninterruptible Power Supply (UPS) markets worldwide.

With large manufacturing plants strategically located throughout the world, combined with a strong global support team and world-leading technology, our customers benefit from supply reliability and high quality products designed to meet their UPS needs.

UPS Product Offering



Flooded Product Solutions



DataSafe® CX-MB Battery

The DataSafe® CX-MB calcium multi-cell flat plate battery is optimized for high performance and provides excellent short duration discharge rates.



Features and Benefits

- Capacity: 240-819 Watts per Cell (WPC)
- Designed for UPS applications
- Design life: 20 years @ 77°F (25°C)
- Lead plated posts with copper inserts provide high 1-minute rates
- Long life Slide-Lock™ post seal design
- 100% initial capacity
- Optional flame retardant cover and container available
- The management systems governing the manufacture of this product are ISO 9001:2015 certified

Type*	Nominal Voltage (V)	Watts/Cell**		Nominal Dimensions				Overall Height incl. Terminals		Typical Weight Unpacked	
		15 min rate to 1.67 @ 77°F (25°C)		Length***		Width		in	mm	lbs	kg
2CX-5MB	4	240		7.0	178	9.0	229	14.8	375	44	20
3CX-5MB	6	240		7.0	178	9.0	229	14.8	375	65	30
2CX-7MB	4	354		7.0	178	9.0	229	14.8	375	49	22
3CX-7MB	6	354		7.0	178	9.0	229	14.8	375	73	33
2CX-9MB	4	484		12.2	310	9.0	229	14.8	375	72	33
3CX-9MB	6	484		12.2	310	9.0	229	14.8	375	107	49
2CX-11MB	4	598		12.2	310	9.0	229	14.8	375	76	35
3CX-11MB	6	598		12.2	310	9.0	229	14.8	375	114	52
2CX-13MB	4	710		12.2	310	9.0	229	14.8	375	81	37
3CX-13MB	6	710		12.2	310	9.0	229	14.8	375	121	55
2CX-15MB	4	819		12.2	310	9.0	229	14.8	375	84	38
3CX-15MB	6	819		12.2	310	9.0	229	14.8	375	125	57

* Prefix indicates number of total cells per jar. Suffix number indicates total plates per cell.
 ** Specific gravity 1.250, 1.215 also available
 *** 0.25 inches must be added between units for spacing purposes when calculating total battery length.



DataSafe® DX-B Battery

The DataSafe® DX-B calcium flat plate battery offers superior high rate performance for mission critical 7x24 applications.



Features and Benefits

- Capacity: 702-5448 Watts per Cell (WPC)
- Designed for UPS applications
- Design life: 20 years @ 77°F (25°C)
- Lead plated posts with copper inserts provide high 1-minute rates
- Long life Slide-Lock™ post seal design
- 100% initial capacity
- Optional flame retardant cover and container available
- The management systems governing the manufacture of this product are ISO 9001:2015 certified

Type*	Nominal Voltage (V)	Watts/Cell**		Nominal Dimensions				Overall Height incl. Terminals		Typical Weight Unpacked	
		15 min rate to 1.67 @ 77°F (25°C)		Length***		Width		in	mm	lbs	kgs
4DX-5B	8	702		9.5	241	16.0	406	22.0	558	256	116
4DX-7B	8	1034		9.5	241	16.0	406	22.0	558	303	137
4DX-9B	8	1353		9.5	241	16.0	406	22.0	558	353	160
4DX-11B	8	1732		16.7	424	16.0	406	22.7	576	507	230
4DX-13B	8	2035		16.7	424	16.0	406	22.7	576	557	253
4DX-15B	8	2334		16.7	424	16.0	406	22.7	576	606	275
4DX-17B	8	2639		16.7	424	16.0	406	22.7	576	656	298
4DX-19B	8	2920		20.2	513	16.0	406	22.7	576	781	354
4DX-21B	8	3290		20.2	513	16.0	406	22.7	576	830	376
2DX-19B	4	2919		9.5	241	16.0	406	22.7	576	373	169
2DX-21B	4	3290		12.1	308	16.0	406	22.7	576	448	203
2DX-23B	4	3577		12.1	308	16.0	406	22.7	576	473	215
2DX-25B	4	3852		12.1	308	16.0	406	22.7	576	499	226
2DX-27B	4	4283		16.7	424	16.0	406	22.7	576	587	266
2DX-29B	4	4584		16.7	424	16.0	406	22.7	576	613	278
2DX-31B	4	4873		16.7	424	16.0	406	22.7	576	638	289
2DX-33B	4	5164		16.7	424	16.0	406	22.7	576	663	301
2DX-35B	4	5448		16.7	424	16.0	406	22.7	576	680	308

* Prefix indicates number of total cells per jar. Suffix number indicates total plates per cell.
 ** Specific gravity 1.250, 1.215 also available
 *** 0.25 inches must be added between units for spacing purposes when calculating total battery length.

Flooded Product Solutions



DataSafe® DXC-B Battery

The DataSafe® DXC-B calcium flat plate battery offers enhanced cycling performance for mission critical 7x24 applications.



Features and Benefits

- Capacity: 679-5164 Watts per Cell (WPC)
- Designed for UPS applications
- Design life: 20 years @ 77°F (25°C)
- Long life Slide-Lock™ post seal design
- Enhanced cycling capability
- 100% initial capacity
- Flame retardant cover and container available
- The management systems governing the manufacture of this product are ISO 9001:2015 certified

Type*	Nominal Voltage (V)	Watts/Cell**		Nominal Dimensions						Typical Weight Unpacked	
		15 min rate to 1.67 @ 77°F (25°C)		Length***		Width		Overall Height incl. Terminals		lbs	kg
				in	mm	in	mm	in	mm		
4DXC-5B	8	679		9.5	241	16.0	406	22.0	558	256	116
4DXC-7B	8	1001		9.5	241	16.0	406	22.0	558	303	137
4DXC-9B	8	1311		9.5	241	16.0	406	22.0	558	353	160
4DXC-11B	8	1651		16.7	424	16.0	406	22.7	576	507	230
4DXC-13B	8	1941		16.7	424	16.0	406	22.7	576	557	253
4DXC-15B	8	2227		16.7	424	16.0	406	22.7	576	606	275
4DXC-17B	8	2520		16.7	424	16.0	406	22.7	576	656	298
4DXC-19B	8	2856		20.2	513	16.0	406	22.7	576	781	354
4DXC-21B	8	3218		20.2	513	16.0	406	22.7	576	830	376
2DXC-19B	4	2692		9.5	241	16.0	406	22.7	576	373	169
2DXC-21B	4	3132		12.1	308	16.0	406	22.7	576	448	203
2DXC-23B	4	3434		12.1	308	16.0	406	22.7	576	473	215
2DXC-25B	4	3756		12.1	308	16.0	406	22.7	576	499	226
2DXC-27B	4	4104		16.7	424	16.0	406	22.7	576	587	266
2DXC-29B	4	4399		16.7	424	16.0	406	22.7	576	613	278
2DXC-31B	4	4644		16.7	424	16.0	406	22.7	576	638	289
2DXC-33B	4	4908		16.7	424	16.0	406	22.7	576	663	301
2DXC-35B	4	5164		16.7	424	16.0	406	22.7	576	680	308

* Prefix indicates number of total cells per jar. Suffix number indicates total plates per cell.

** Specific gravity 1.250, 1.215 also available

*** 0.25 inches must be added between units for spacing purposes when calculating total battery length.

2V Absorbed Glass Mat (AGM) Product Solutions



PowerSafe® DDM Battery

The PowerSafe® DDM battery, with its optimized recombination technology and extra thick plates, provides excellent performance and service life for mission critical systems.



Features and Benefits

- Capacity: 292-4095 Watts per Cell (WPC)
- Designed for UPS applications
- Design life: 20 years @ 77°F (25°C)
- UL recognized
- 100% initial capacity
- Flame retardant case and cover
- The management systems governing the manufacture of this product are ISO 9001:2008 and ISO 14001:2004 certified

Type	Nominal Voltage (V)	Watts/Cell	Nominal Dimensions								Typical Weight Unpacked	
		15 min rate to 1.67 @ 77°F (25°C)	Length		Height		Depth (can)		Depth (module)		lbs	kg
			in	mm	in	mm	in	mm	in	mm		
2DDm35-07	4	292	4.4	112	6.5	165	13.1	333	14.4	366	42	19
2DDm50-09	4	477	7.4	188	6.5	165	13.1	333	15.2	386	76	34
2DDm50-13	4	716	10.4	265	6.5	165	13.1	333	15.2	386	109	50
DDm50-17	2	954	6.9	176	6.5	165	13.1	333	15.2	386	75	34
2DDm85-13	4	1054	10.4	265	6.5	165	20.4	518	22.7	577	167	76
2DDm85-15	4	1230	11.9	302	6.5	165	20.4	518	22.7	577	195	89
DDm85-21	2	1757	8.4	214	6.5	165	20.4	518	22.7	577	142	65
DDm85-25	2	2109	9.9	252	6.5	165	20.4	518	22.7	577	164	74
DDm85-27	2	2284	10.7	271	6.5	165	20.4	518	22.7	577	178	81
DDm85-33	2	2811	12.9	328	6.5	165	20.4	518	22.7	577	216	98
DDm100-21	2	1995	8.4	214	6.5	165	23.2	590	25.5	648	162	74
DDm100-25	2	2395	9.9	252	6.5	165	23.2	590	25.5	648	191	87
DDm100-27	2	2594	10.7	271	6.5	165	23.2	590	25.5	648	203	92
DDm100-33	2	3193	12.9	328	6.5	165	23.2	590	25.5	648	254	115
DDm125-25	2	3072	9.9	252	8.9	226	22.1	562	24.4	620	248	112
DDm125-27	2	3328	10.7	271	8.9	226	22.1	562	24.4	620	266	121
DDm125-33	2	4095	12.9	328	8.9	226	22.1	562	24.4	620	318	144



DataSafe® XE Battery

DataSafe® XE Thin Plate Pure Lead (TPPL) batteries are specifically designed to meet the evolving needs of today's data center requirements providing longer life, lower electric spend for float and wider operating temperatures.



Features and Benefits

- Capacity: 763-1150 Watts per Cell (WPC)
- Designed for UPS applications
- Design life: 12 years @ 77°F (25°C)
- UL recognized
- Approved for shipping as non-hazardous and non-spillable
- 100% initial capacity
- Flame retardant case and cover
- The management systems governing the manufacture of DataSafe XE batteries are ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007* certified

* OHSAS 18001:2007 certification not applicable to 12XE760F-FR

Type	Nominal Voltage (V)	Watts/Cell	Nominal Dimensions						Typical Weight Unpacked	
		5 min rate to 1.67 @ 77°F (25°C)	Length		Overall Height incl. Terminals		Width		lbs	kg
			in	mm	in	mm	in	mm		
12XE760-FR	12	763	13.0	330	8.6	218	6.8	173	77.4	35.1
12XE1040-FR	12	1040	13.3	338	10.7	273	6.8	173	97.0	44.0
12XE1010F-FR	12	1010	22.9	581	11.1	283	4.9	125	107.4	48.7
12XE1110F-FR	12	1109	22.9	581	11.1	283	4.9	125	114.0	51.7
12XE1150F-FR	12	1150	22.9	581	12.4	316	4.9	125	129.2	58.6

6V and 12V (Absorbed Glass Mat) AGM Bloc Product Solutions



DataSafe® NPX Battery

The DataSafe® NPX battery series is designed for high rate discharge applications. These batteries are used primarily where high power is required for a short duration.



Features and Benefits

- Capacity: 23-160 Watts per Cell (WPC)
- Designed for UPS applications
- Design life: 3-5 years @ 77°F (25°C)
- UL recognized
- Approved for shipping as non-hazardous and non-spillable
- 100% initial capacity
- Flame retardant case and cover
- IEC 61056-1, IEC 60896-21 and IEC60896-22 compliant

Type	FR Type*	Watts/Cell		Nominal Dimensions								Internal Resistance (mΩ)
		Nominal Voltage (V)	15 min rate to 1.67 @ 77°F (25°C)	Length		Width		Overall Height incl. Terminals		Weight		
				in	mm	in	mm	in	mm	lbs	kg	
NPX-35-6	NPX-35-6FR	6	36	6.0	151	1.3	33	3.9	100	3	1.4	6.6
NPX-50-6	NPX-50-6FR	6	54	6.0	151	2.0	50	3.9	100	5	2.3	6.1
NPX-25	NPX-25FR	12	23	3.5	90	2.8	70	4.2	107	4	1.8	16.5
NPX-35	NPX-35FR	12	36	6.0	151	2.6	65	3.9	100	6	2.7	13.2
NPX-80	NPX-80FR	12	80	7.1	181	3.0	76	6.6	167	14	6.4	8.5
NPX-100	NPX-100FR	12	104	6.5	165	4.9	125	6.9	175	21	9.5	7.1
NPX-135	NPX-135FR	12	136	7.7	196	5.1	130	6.2	158†	26	11.8	5.6
NPX-150	NPX-150FR	12	160	8.0	197	6.5	165	6.7	170	32	14.5	5.0

All dimensions given are +/- 0.08 inches (2mm). All weights given are +/- 5%

*FR: UL94-V0, Flame Retardant Case and Cover (Oxygen index: 28)

†Height is top cover. Overall height, including terminal is dependent on the terminal configuration.



DataSafe® HX Top Terminal Battery

The DataSafe® HX battery range is outstanding for high rate applications and is the ideal power source to protect vital systems.



Features and Benefits

- Capacity: 23-540 Watts per Cell (WPC)
- Designed for UPS applications
- Design life: 10 years @ 77°F (25°C)
- UL recognized
- The management systems governing the manufacture of this product are ISO 9001:2008 and ISO 14001:2004 certified
- 100% initial capacity
- Flame retardant case and cover

Type	Nominal Voltage (V)	Watts/Cell		Nominal Dimensions								Short Circuit Current (A)	Internal Resistance (m)
		15 min rate to 1.67 @ 77°F (25°C)		Length		Width		Overall Height incl. Terminals		Typical Weight			
				in	mm	in	mm	in	mm	lbs	kg		
12HX25	12	23		3.5	90	2.8	70	4.2	107	4	1.8	415	16.5
12HX35	12	36		5.9	151	2.6	65	3.9	100	6	2.7	545	13.2
6XH50	6	54		5.9	151	2.0	50	3.9	99	5	2.3	835	6.1
12HX50	12	54		6.0	152	3.9	99	3.9	99	9	4.1	835	12.2
12HX80	12	80		7.1	181	3.0	76	6.6	167	14	6.4	800	8.5
12HX100	12	104		6.5	165	4.9	125	6.9	175	22	10.0	1045	7.1
12HX135B	12	136		7.8	198	5.1	130	7.1	180	26	11.8	1490	5.6
12HX135R	12	136		7.7	196	5.1	130	6.7	169	26	11.8	1490	5.6
12HX150	12	160		7.8	198	6.5	165	6.7	170	32	14.5	1740	5.0
12HX205	12	206		8.9	226	5.5	140	8.1	206	43	19.5	2775	4.5
12HX300	12	284		10.2	259	6.9	175	8.2	208	60	27.2	3175	3.9
12HX330	12	336		11.8	300	6.8	173	8.4	213	71	32.2	3700	3.4
12HX400	12	381		13.3	338	6.8	173	8.3	211	80	36.3	4225	3.0
12HX505	12	506		13.3	338	6.8	173	10.7	272	103	46.7	4510	2.8
12HX540	12	540		13.3	338	6.8	173	10.7	272	106	48.1	4775	2.6

12V and 16V (Absorbed Glass Mat) AGM Bloc Product Solutions



DataSafe® HX Front Terminal Battery

DataSafe® HX-FT batteries use Valve Regulated Lead Acid (VRLA) technology, are conducive to incorporating monitoring systems and scale easily to larger capacity UPS systems with one-third fewer parallel battery strings.



Features and Benefits

- Capacity: 550-925 Watts per Cell (WPC)
- Designed for UPS applications
- Design life: 10 years @ 77°F (25°C)
- UL recognized
- Approved for shipping as non-hazardous and non-spillable
- 100% initial capacity
- Flame retardant case and cover
- The management systems governing the manufacture of this product are ISO 9001:2008 and ISO 14001:2004 certified

Type	Nominal Voltage (V)	Watts/Cell 15 min rate to 1.67 @ 77°F (25°C)	Nominal Dimensions						Short Circuit Current (A)	Internal Resistance (mΩ)		
			Length		Width		Height				Typical Weight	
			in	mm	in	mm	in	mm	lbs	kg		
16HX550F-FR	16	550	27.2	692	4.6	117	12.3	313	151	69	4070	4.1
12HX680F-FR	12	680	21.3	541	8.4	213	9.7	246	148	67	5960	2.8
16HX800F-FR	16	800	27.2	692	7.0	177	12.3	313	232	105	6415	2.6
16HX925F-FR	16	925	27.2	692	7.0	177	12.3	313	248	113	6950	2.4

12V Absorbed Glass Mat (AGM) Bloc Product Solutions



Genesis® XE Battery

The Genesis® XE Thin Plate Pure Lead (TPPL) battery excels in demanding environmental and cycling applications for short duration UPS, 10 seconds – 5 minutes.



Features and Benefits

- Capacity: 105-820 Watts per Cell (WPC)
- UL94 V-0 flame retardant case and cover
- -40°F (-40°C) to 176°F (80°C) with metal jacket
- High rate charge and discharge
- Superior deep discharge recovery
- UL recognized and IATA approved (air freight)
- Proprietary TPPL design
- Cost-effective alternative to flywheels
- The management systems governing the manufacture of this product are ISO 9001:2015 certified

Type	Nominal Voltage (V)	Watts/Cell 5 min rate to 1.67 @ 77°F (25°C)	Nominal Dimensions						Overall Weight lbs	kg	Typical Short Circuit Current (A)	Internal Resistance (mΩ)
			Length		Width		Height					
			in	mm	in	mm	in	mm				
XE13	12	105	6.89	175.0	3.27	83.1	5.08	129.0	12	5.4	1400	9.0
XE16	12	140	7.12	180.8	2.99	75.9	6.57	166.9	14	6.4	1600	7.5
XE30	12	227	6.53	165.9	6.89	175.0	4.92	125.0	23	10.4	2400	5.0
XE40	12	379	7.74	196.6	6.50	165.1	6.69	169.9	35	15.9	2600	4.5
XE60	12	553	10.85	275.6	6.76	171.7	7.12	180.8	49	22.2	3100	2.5
XE70	12	591	12.94	328.7	6.54	166.1	6.85	174.0	57	25.9	3500	3.5
XE95	12	820	12.99	329.9	6.79	172.5	8.62	218.9	78	35.4	5000	2.2



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