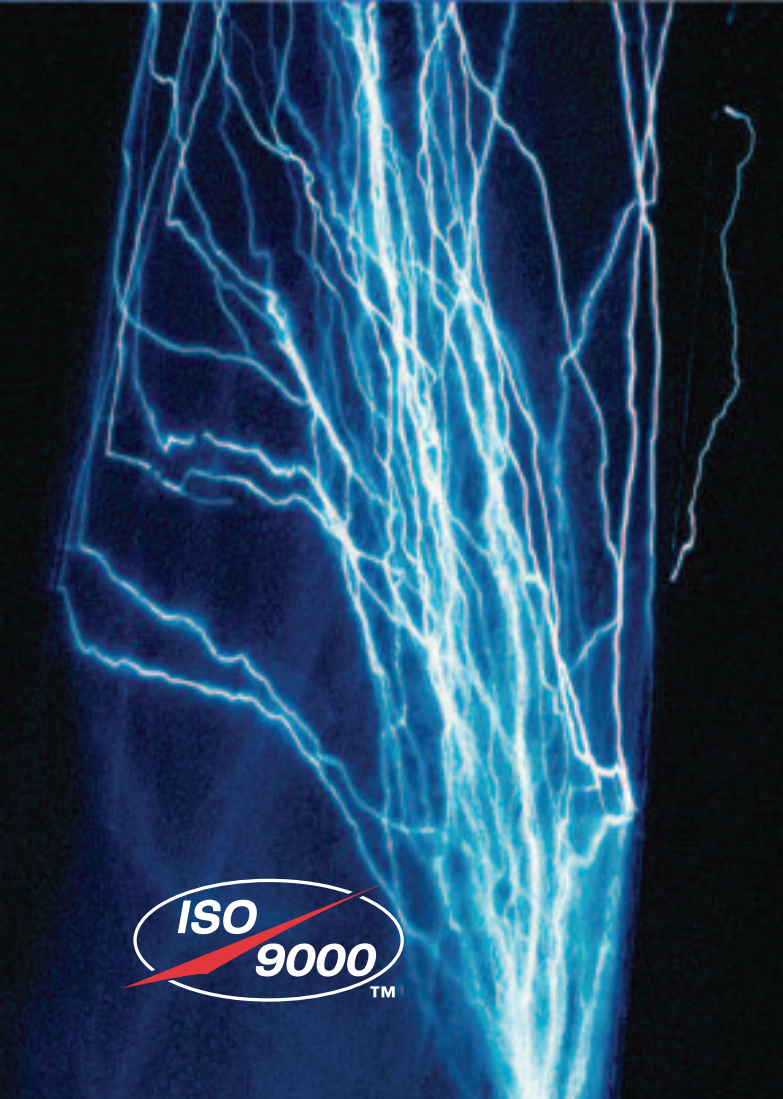


The power to back you up



EnerSys™ has the power you want, where you want it, with a complete range of UPS batteries and a sales and service network to support your mission critical 7x24 applications, worldwide.

A combination of the best technology and a proven history gives you performance that you can rely on.



www.enersys.com

EnerSys™
Power/Full Solutions

Publication No. US-UPS-FL-002 - October 2005



The DataSafe™ DX calcium flat plate battery offers superior high rate performance for mission critical 7x24 applications

Features and Benefits

- Capacity: 673 - 5245 watts/cell
- Designed for UPS applications
- Design life: 20 years @ 25°C (77°F)
- Rated at 100% capacity at initial discharge
- Long life Slide Lock™ post seal design
- Flame retardant cover and container available
- Manufactured in EnerSys production facilities certified to ISO 9001:2000



General Specifications

Type	Nominal Voltage (V)	Watts/Cell* 15 min rate to 1.67 volts at 25°C (77°F)	Nominal Dimensions				Overall Height Incl. Terminals		Typical Weight Unpacked	
			Length		Width		mm	inch	kg	lbs
			mm	inch	mm	inch	mm	inch		
4DX-5	8	673	241	9.50	406	16.00	558	22.00	116.4	256.0
4DX-7	8	1001	241	9.50	406	16.00	558	22.00	137.7	303.0
4DX-9	8	1320	241	9.50	406	16.00	558	22.00	160.5	353.0
4DX-11	8	1659	424	16.70	406	16.00	576	22.68	230.5	507.0
4DX-13	8	1961	424	16.70	406	16.00	576	22.68	253.2	557.0
4DX-15	8	2252	424	16.70	406	16.00	576	22.68	275.5	606.0
4DX-17	8	2535	424	16.70	406	16.00	576	22.68	298.2	656.0
4DX-19	8	2846	513	20.20	406	16.00	576	22.68	354.4	781.3
4DX-21	8	3271	513	20.20	406	16.00	576	22.68	376.6	830.3
2DX-23	4	3514	308	12.12	406	16.00	576	22.68	215.1	473.0
2DX-25	4	3741	308	12.12	406	16.00	576	22.68	227.0	499.3
2DX-27	4	4198	424	16.70	406	16.00	576	22.68	266.8	587.0
2DX-29	4	4471	424	16.70	406	16.00	576	22.68	278.6	613.0
2DX-31	4	4735	424	16.70	406	16.00	576	22.68	290.0	638.0
2DX-33	4	4994	424	16.70	406	16.00	576	22.68	301.4	663.0
2DX-35	4	5245	424	16.70	406	16.00	576	22.68	309.0	680.0

*Specific Gravity 1.250



The DataSafe™ DXC calcium flat plate battery offers enhanced cycling performance for mission critical 7x24 applications

Features and Benefits

- Capacity: 653 - 5088 watts/cell
- Enhanced cycling capability
- Designed for UPS applications
- Design life: 20 years @ 25°C (77°F)
- Rated at 100% capacity at initial discharge
- Long life Slide Lock™ post seal design
- Flame retardant cover and container available
- Manufactured in EnerSys production facilities certified to ISO 9001:2000



General Specifications

Type	Nominal Voltage (V)	Watts/Cell* 15 min rate to 1.67 volts at 25°C (77°F)	Nominal Dimensions				Overall Height Incl. Terminals		Typical Weight Unpacked	
			Length		Width		mm	inch	kg	lbs
			mm	inch	mm	inch	mm	inch		
4DXC-5	8	653	241	9.50	406	16.00	558	22.00	116.4	256.0
4DXC-7	8	971	241	9.50	406	16.00	558	22.00	137.7	303.0
4DXC-9	8	1280	241	9.50	406	16.00	558	22.00	160.5	353.0
4DXC-11	8	1610	424	16.70	406	16.00	576	22.68	230.5	507.0
4DXC-13	8	1903	424	16.70	406	16.00	576	22.68	253.2	557.0
4DXC-15	8	2185	424	16.70	406	16.00	576	22.68	275.5	606.0
4DXC-17	8	2459	424	16.70	406	16.00	576	22.68	298.2	656.0
4DXC-19	8	2767	513	20.20	406	16.00	576	22.68	354.4	781.3
4DXC-21	8	3180	513	20.20	406	16.00	576	22.68	376.6	830.3
2DXC-23	4	3408	308	12.12	406	16.00	576	22.68	215.1	473.0
2DXC-25	4	3628	308	12.12	406	16.00	576	22.68	227.0	499.3
2DXC-27	4	4072	424	16.70	406	16.00	576	22.68	266.8	587.0
2DXC-29	4	4337	424	16.70	406	16.00	576	22.68	278.6	613.0
2DXC-31	4	4593	424	16.70	406	16.00	576	22.68	290.0	638.0
2DXC-33	4	4844	424	16.70	406	16.00	576	22.68	301.4	663.0
2DXC-35	4	5088	424	16.70	406	16.00	576	22.68	309.0	680.0

*Specific Gravity 1.250

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

Features and Benefits

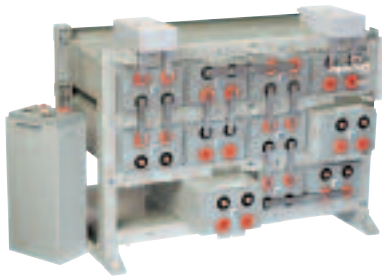
- Capacity: 23-780 watts/cell
- Designed specifically for UPS applications
- Conforms to industry standard footprints (BCI)
- Electrochemistry optimized for high rate performance
- Absorbed Glass Mat VRLA technology
- Design life of 10 years
- Optional flame retardant case and cover to meet UL94 V-0
- 100% initial capacity
- Classified as High Performance
- UL recognized and IATA approved (air freight)
- Manufactured in EnerSys production facilities certified to ISO 9001:2000



General Specifications

Type	Nominal Voltage (V)	Watts/Cell		Nominal Dimensions						Typical Weight		Short Circuit Current (A)	Max Discharge Current (Amps-2 min rate)	Internal Resistance (mΩ)
		15 min. rate to 1.67 volts at 25°C/77°F		Length		Width		Height		kg	lbs			
				mm	inch	mm	inch	mm	inch	mm	inch			
HX25	12	23		90	3.5	70	2.8	107	4.2	2.0	4.3	300	41	16.54
HX35	12	36		151	6.0	65	2.6	100	3.9	2.9	6.3	500	62	13.17
HX50	6	53		151	6.0	50	2.0	100	3.9	2.2	4.7	720	93	6.07
HX80	12	80		181	7.1	76	3.0	167	6.6	6.1	13.4	1000	140	8.52
HX100	12	100		166	6.5	125	4.9	175	6.9	9.9	21.9	1500	171	7.14
HX135	12	135		196	7.7	130	5.1	179	7.1	11.5	27.1	1800	238	5.63
HX150	12	150		197	7.8	165	6.5	170	6.7	15.0	33.7	2400	277	5.00
HX205	12	204		228	9.0	139	5.5	209	8.2	19.5	43.0	2775	466	4.50
HX300	12	284		261	10.3	175	6.9	210	8.3	27.2	60.0	3175	591	3.93
HX330	12	336		305	12.0	175	6.9	214	8.4	32.2	71.0	3700	695	3.37
HX400	12	381		341	13.4	173	6.8	215	8.5	36.3	80.0	4225	854	2.95
HX500	12	506		341	13.4	173	6.8	274	10.8	49.9	110.0	4600	986	2.70
HX800	6	780		341	13.4	173	6.8	215	8.5	36.3	80.0	6200	1272	0.98

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



Features and Benefits

- Capacity: 422-3853 watts/cell
- Container/Cover – Polypropylene standard. Optional flame retardant polypropylene available. (UL94 V-0/L.O.I. 28%)
- Standard configurations certified to 1997 UBC Zone 4
- 100% “out of box” initial battery capacity
- Individual steel can provides flexible configuration and uniform and consistent compression
- Manufactured in EnerSys production facilities certified to ISO 9001:2000

General Specifications

Type	Nominal Voltage (V)	Watts/Cell		Nominal Dimensions								Typical Weight Unpacked	
		15 min rate to 1.67 volts at 25°C (77°F)		Length		Width		Depth (can)		Depth (module)		kg	lbs
				mm	inch	mm	inch	mm	inch	mm	inch		
2DDm50-09	4	422		188	7.4	165	6.5	333	13.1	366	14.4	34.3	75.4
2DDm50-13	4	633		265	10.4	165	6.5	333	13.1	366	14.4	49.5	108.9
DDm50-17	2	844		176	6.9	165	6.5	333	13.1	366	14.4	34.0	74.7
2DDm85-13	4	1056		265	10.4	165	6.5	519	20.4	554	21.8	75.7	166.5
2DDm85-15	4	1224		303	11.9	165	6.5	519	20.4	554	21.8	88.5	194.8
DDm85-21	2	1752		214	8.4	165	6.5	519	20.4	554	21.8	64.5	142.0
DDm85-25	2	2111		252	9.9	165	6.5	519	20.4	554	21.8	74.4	163.7
DDm85-27	2	2280		271	10.7	165	6.5	519	20.4	554	21.8	80.8	177.8
DDm85-33	2	2787		328	12.9	165	6.5	519	20.4	554	21.8	97.9	217.5
DDm100-21	2	1941		214	8.4	165	6.5	590	23.2	624	24.5	73.5	163.4
DDm100-25	2	2329		252	9.9	165	6.5	590	23.2	624	24.5	86.5	192.1
DDm100-27	2	2523		271	10.7	165	6.5	590	23.2	624	24.5	92.0	204.3
DDm100-33	2	3105		328	12.9	165	6.5	590	23.2	624	24.5	115.3	256.3
DDm125-25	2	2890		252	9.9	226	8.9	562	22.1	597	23.5	112.3	249.6
DDm125-27	2	3131		271	10.7	226	8.9	562	22.1	597	23.5	120.8	268.4
DDm125-33	2	3853		328	12.9	226	8.9	562	22.1	597	23.5	144.1	320.3



DataSafe™ JX range offers both high power density and quick discharge recovery ideal for UPS systems.

Features and Benefits

- Capacity: 224-375 watts/cell
- Designed specifically for UPS applications
- Conforms to industry standard footprints (JIS)
- Electrochemistry optimized for high rate performance
- High purity, high grade materials
- Absorbed Glass Mat VRLA technology
- UL-94 V0 rated, flame retardant plastic
- 12 months shelf life
- 100% initial capacity
- UL recognized and IATA approved (air freight)
- Manufactured in EnerSys production facilities certified to ISO 9001:2000

General Specifications

Type	Nominal Voltage (V)	Watts/Cell 15 min. rate to 1.67 volts at 25°C (77°F)	Nominal Dimensions						Typical Weight		Short Circuit Current (A)	Internal Resistance (mΩ)
			Length mm	Length inch	Width mm	Width inch	Height mm	Height inch	kg	lbs		
JX225	12	224	196	7.7	165	6.5	170	6.7	14.5	32.0	2565	4.75
JX375	12	375	329	12.9	166	6.5	174	6.9	23.5	51.8	3285	3.70



The DataSafe™ NPX 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 - 150 watts/cell
- Designed for UPS applications
- Design Life: 3-5 years @ 25°C (77°F)
- Approved for shipping as non-hazardous, non-spillable
- UL recognized
- Operates in any position
- UL-94 V0 rated, flame retardant plastic
- 100% initial capacity
- Manufactured in EnerSys production facilities certified to ISO 9001:2000



General Specifications

Type	FR Type*	Nominal Voltage (V)	Watts/Cell 15 min. rate to 1.67 volts at 25°C (77°F)	Nominal Dimensions				Overall Height Incl. Terminals		Typical Weight	
				Length mm	Length inch	Width mm	Width inch	mm	inch	kg	lbs
NPX-35-6	NPX-35-6FR	6	35	151.0	5.95	34.0	1.34	97.5	3.84	1.35	2.98
NPX-50	NPX-50FR	6	50	151.0	5.95	50.0	1.97	97.5	3.84	2.00	4.41
NPX-25	NPX-25FR	12	23	90.0	3.54	70.0	2.76	106.0	4.17	2.00	4.41
NPX-35	NPX-35FR	12	35	151.1	5.95	65.0	2.56	97.5	3.84	2.83	6.27
NPX-80	NPX-80FR	12	80	181.0	7.13	76.2	3.00	167.0	6.57	6.60	14.50
--	NPX-100B	12	95	166.0	6.54	127.0	5.00	175.0	6.89	9.30	20.80
--	NPX-100R	12	95	166.0	6.54	127.0	5.00	175.0	6.89	9.30	20.80
--	NPX-150B	12	150	197.0	7.76	165.0	6.50	175.0	6.89	15.50	34.10
--	NPX-150R	12	150	197.0	7.76	165.0	6.50	175.0	6.89	15.50	34.10

* FR: UL94-V0, Flame Retardant Case and Cover (Oxygen index: 30)



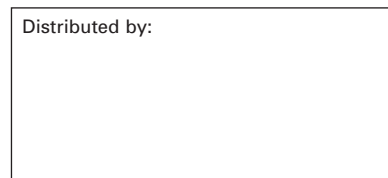
www.enersys.com

EnerSys
P.O. Box 14145
Reading, PA 19612-4145
USA
Tel: +1-610-208-1991
+1-800-538-3627
Fax: +1-610-372-8613

EnerSys EMEA
Brussels, Belgium
Tel: +32 (0)2 247 94 47

EnerSys Asia
Guangdong, China
Tel: +86-755-2689 3639

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