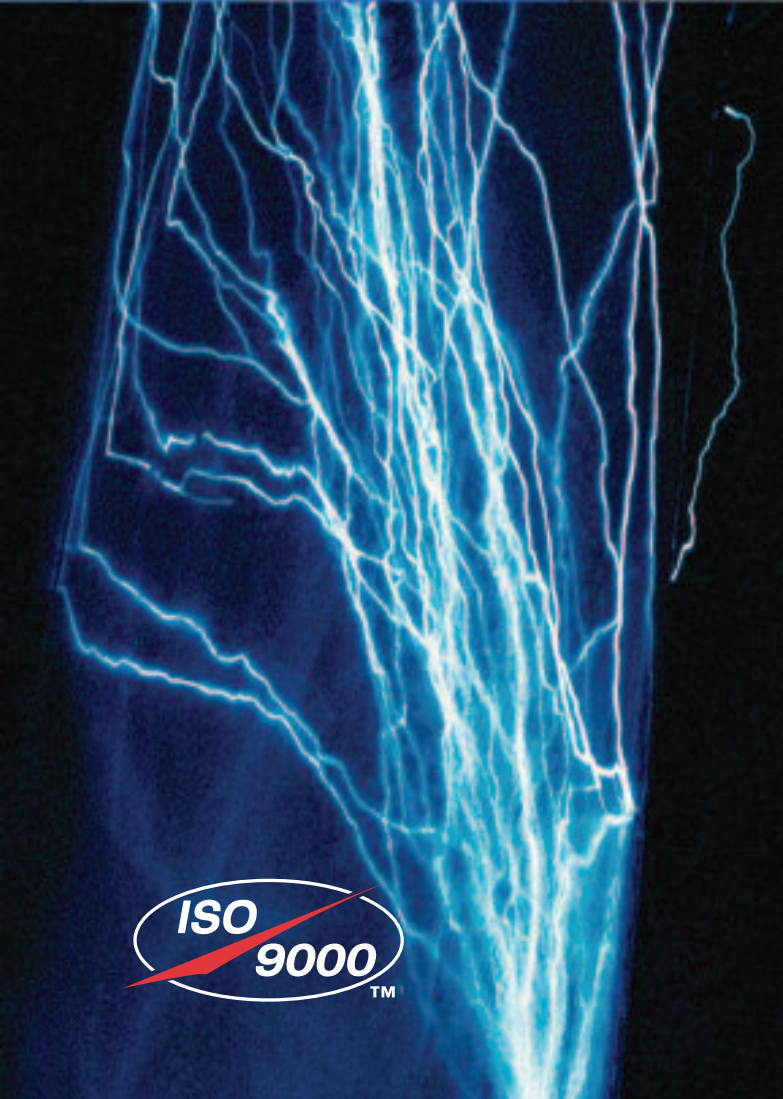


The power to back you up



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



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

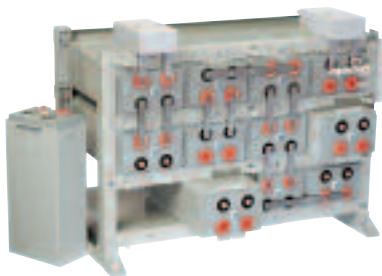
- Capacity: 23-780 watts/cell
- Designed specifically for UPS applications
- Conforms to industry standard footprints (BCI)
- Electrochemistry optimized for high rate performance
- Absorbed Glass Mat VRLA technology
- Design life of 10 years
- Optional flame retardant case and cover to meet UL94 V-0
- 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 | 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)



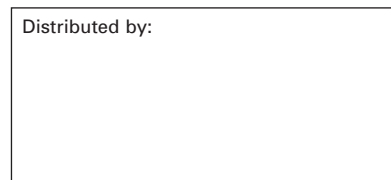
www.enersys.com

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

Distributed by:



Printed in USA

© 2005 EnerSys. All rights reserved. Trademarks and logos are the property of EnerSys and its affiliates unless otherwise noted.