

data safe®

The World's First 16V Front Terminal UPS Battery

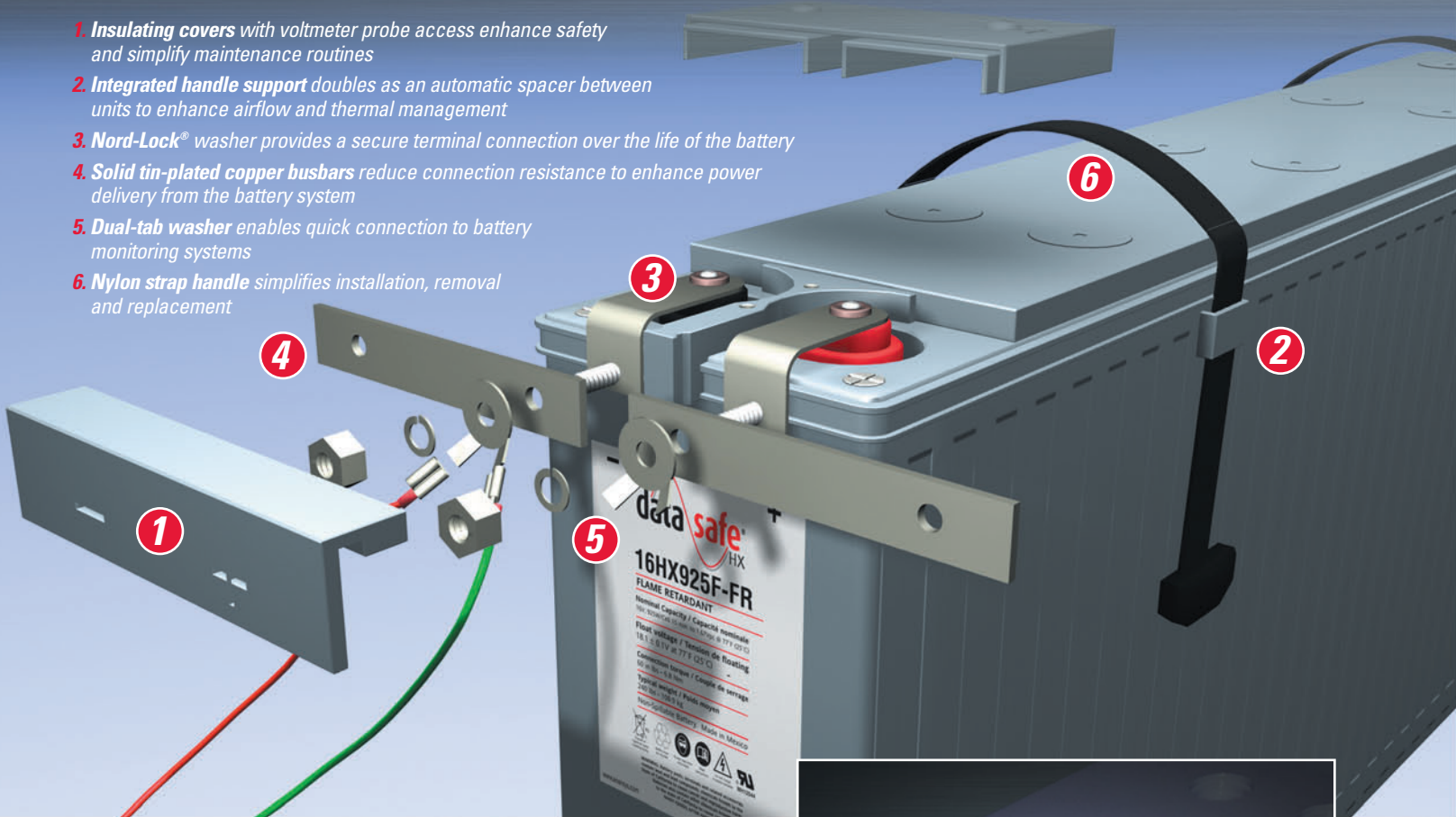


EnerSys
Power/Full Solutions

Available exclusively from EnerSys®, the world leader in stored power solutions.

OUT IN FRONT OF THE COMPETITION.

1. **Insulating covers** with voltmeter probe access enhance safety and simplify maintenance routines
2. **Integrated handle support** doubles as an automatic spacer between units to enhance airflow and thermal management
3. **Nord-Lock®** washer provides a secure terminal connection over the life of the battery
4. **Solid tin-plated copper busbars** reduce connection resistance to enhance power delivery from the battery system
5. **Dual-tab washer** enables quick connection to battery monitoring systems
6. **Nylon strap handle** simplifies installation, removal and replacement



DataSafe® batteries. More power, less space, easier maintenance.

Eliminate the difficult maintenance and burdensome space requirements of top-terminated 12V UPS batteries. Revolutionary, new front-terminated DataSafe 16V UPS batteries, available in 550 WPC, 800 WPC and 925 WPC sizes, are more space efficient, more cost effective, and easier to maintain than 12V batteries. They use proven VRLA technology, are conducive to incorporating monitoring systems, and scale easily to larger capacity UPS systems with one-third fewer parallel battery strings.

Other benefits of DataSafe 16V batteries:

- Smaller footprint per kilowatt
- Simplifies installation
- Improves reliability
- Complete front access
- Eliminates wasted headspace found in typical 12V top-terminated designs
- Easy terminal access simplifies maintenance
- No costly slide out trays required to obtain terminal access



DataSafe® 16V Front Terminal UPS Batteries eliminate the difficult maintenance and burdensome space requirements of top-terminated 12V UPS batteries.

Go to www.savebatteryspace.com and witness the revolution in UPS batteries.

DESIGNED TO BETTER MEET UPS NEEDS.

DataSafe® 16V batteries save valuable space

EnerSys® engineers set out to develop a true UPS design, front-terminal battery that would be cost effective, space efficient, and easy to maintain.

It also had to be conducive to incorporating monitoring systems, adaptable to existing cabinet designs, and built on proven electrochemistry and design practices. Finally, the battery had to be capable of scaling to larger capacities to minimize the number of strings in larger UPS systems.

Compared with 12V top-terminated batteries, DataSafe® 16V front-terminated batteries offer several distinct advantages:

- More than 20% space savings for a full 15 minute run time for 750kVA UPS systems
- 925 WPC design reduces the number of parallel strings required
- Up to 50% fewer connections means less maintenance
- No wasted space
- Scales easily to large capacity UPS systems
- Fits within many existing cabinet designs



DataSafe® 16V batteries use 20% less space to deliver a full 15 minutes of run time for 750kVA UPS systems.

DataSafe® Battery Cabinet Systems:

Cabinet System Model Number**	Battery Type	# Units	Voltage	Width Inches mm		Depth Inches mm		Height Inches mm		1 String System Weight	15 MIN kWb @ 1.67 at 25°C/77°F			
											1 string	2 string	3 string	4 string
ST65925480B0600A	16HX925F-FR	30	480	50.0	1270	31.5	800	84.0	2134	8960*	222.0	444.0	666.0	888.0
ST64925384B0600A	16HX925F-FR	24	384	50.0	1270	31.5	800	72.0	1829	7448*	177.6	355.2	532.8	710.4
SS65925480B0600A	16HX925F-FR	30	480	60.5	1537	31.5	800	72.0	1829	8960*	222.0	444.0	666.0	888.0
ST65800480B0600A	16HX800F-FR	30	480	50.0	1270	31.5	800	84.0	2134	8500	192.0	384.0	576.0	768.0
ST64800384B0600A	16HX800F-FR	24	384	50.0	1270	31.5	800	72.0	1829	7000	153.6	307.2	460.8	614.4
SS65800480B0600A	16HX800F-FR	30	480	60.5	1537	31.5	800	72.0	1829	8500	192.0	384.0	576.0	768.0
ST65550480B0600A	16HX550F-FR	30	480	32.0	813	31.5	800	84.0	2134	5250	132.0	264.0	396.0	528.0
ST64550384B0600A	16HX550F-FR	24	384	32.0	813	31.5	800	72.0	1829	4400	105.6	211.2	316.8	422.4
SS65550480B0600A	16HX550F-FR	30	480	43.0	1092	31.5	800	72.0	1829	5250	132.0	264.0	396.0	528.0

* HX925F-FR String consists of two cabinets, each cabinet weight is half the single-string system weight.

** Each cabinet system is single-string. For multi-string systems, order multiple cabinet systems.

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General Specifications

	Inches			Millimeters			Weight	Weight	Short	Internal
	L	W	H	L	W	H	Lbs	kg	Circuit	Resistance
									Amps	(mΩ)
16HX550F-FR	27.2	4.6	12.3	692	117	313	151	68.5	4,070	4.1
16HX800F-FR	27.2	7.0	12.3	692	177	313	232	105.2	6,415	2.6
16HX925F-FR	27.2	7.0	12.3	692	177	313	248	112.5	6,950	2.4

16HX550F-FR

Watts Per Cell @ 77°F (25°C)

End Volts	Standby Time (Minutes)									
	5	10	15	20	30	45	60	90	120	240
1.75	799	629	517	430	324	239	190	136	106	58
1.70	860	665	543	446	332	242	191	136	106	58
1.67	885	681	550	452	332	242	191	136	106	58
1.65	897	689	554	453	332	242	191	136	106	58
1.63	909	694	556	453	332	242	191	136	106	58
1.60	925	701	557	453	332	242	191	136	106	58

16HX800F-FR

Watts Per Cell @ 77°F (25°C)

End Volts	Standby Time (Minutes)									
	5	10	15	20	30	45	60	90	120	240
1.75	1103	888	740	634	493	369	297	216	170	93
1.70	1201	951	782	663	508	378	301	216	170	93
1.67	1259	980	800	674	514	378	301	216	170	93
1.65	1289	996	810	680	516	378	301	216	170	93
1.63	1312	1011	818	685	516	378	301	216	170	93
1.60	1345	1029	828	691	516	378	301	216	170	93

16HX925F-FR

Watts Per Cell @ 77°F (25°C)

End Volts	Standby Time (Minutes)									
	5	10	15	20	30	45	60	90	120	240
1.75	1302	1051	872	726	553	409	327	235	184	101
1.70	1349	1104	914	752	566	413	328	235	184	101
1.67	1350	1127	925	763	566	413	328	235	184	101
1.65	1350	1137	930	765	566	413	328	235	184	101
1.63	1350	1144	933	765	566	413	328	235	184	101
1.60	1350	1150	934	765	566	413	328	235	184	101

1-800-538-3627 | www.savebatteryspace.com

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