



## AT A GLANCE

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### Low Cost *and* High Performance

Dreamweaver has a roadmap to deliver the lowest cost, highest performance battery separators at 10 microns thin, stable to 300 C, and produced on modern high speed production equipment.

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### Annual Progress Review

Dreamweaver has begun its annual strategic review process, and the year-over-year performance results show significant progress. Comparing 2015 with 2016 YTD include:

- Production rate up 25%
- Customers in production up 40%
- Separator orders up 70%
- Revenue up 125%
- Thickness of thinnest separator reduced 40%

While our business is still small, the adoption rate by our customers is compelling us to accelerate our development and commercialization efforts. Thank you to all our customers and partners!

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**Seeking Strategic Partner**



**Titanium 15 in Large Scale Production**

Dreamweaver has enjoyed financial support from our manufacturing partner, [Glatfelter](#) (NYSE: GLT) for the last three years. We are now opening up a search for another strategic partner to coinvest with Glatfelter in the next round. The perfect partner will be able to add value in addition to finances. Partners we are actively seeking include battery manufacturers, significant battery users including automotive, materials suppliers, vendors of complementary materials, and competitors. If you know of a potential strategic partner, please reach out to Brian Morin at [\(864\) 968-3320](tel:(864)968-3320) or [Brian.Morin@Dreamweaverintl.com](mailto:Brian.Morin@Dreamweaverintl.com).



### **New drying recommendations**

It was brought to our attention that our drying recommendations need to be adjusted. Please see the new [Drying Application Note](#) for the requirements.



### **The Battery Show**

Brian Morin will be speaking at [The Battery Show Conference](#) to be held Sept 13-15, in Novi, Michigan. He will be moderating the session on: **Identifying Specific Separator Materials and Techniques to Improve Pack and Cell Safety.**

Dreamweaver and Glatfelter have produced, in large scale production, two prototypes of **ultra thin separators** for supercapacitors.

The first is at 15 microns and 32% porosity, which will provide the ultimate thinness. The second, at 17 microns and 40% porosity, will provide lower ESR with only a slight penalty in thickness. Both will increase the energy density of supercapacitors while reducing the total cost footprint, primarily by dramatically reducing the amount of electrolyte required.

Prototypes are available for testing by select potential customers. Thanks to the excellent engineering team at Glatfelter who continues to improve quality, increase production rates and reduce cost.

For samples, contact us at [\(864\) 968-3320](tel:(864)968-3320) or [Laura.Bruce@Dreamweaverintl.com](mailto:Laura.Bruce@Dreamweaverintl.com)



### **Interbattery 2016**

Brian Morin will be speaking at the [Interbattery 2016](#) conference in Seoul Korea. The talk titled "**3rd Generation Separators**" will be [presented](#) at 11:40 on Friday, October 7th.

Dreamweaver will be located at booth M400 and would love for you to stop by! For all the details please visit the show website [here](#).



Co-located with Electric & Hybrid Vehicle Technology Conference, the agenda features 140+ speakers from industry-leading organizations. You can view and download the agenda [here](#).

15% discount code: 15SPKGU

Stop by our Booth (#1815). We look forward to seeing you in September!

Brian Morin will be speaking at the 8th Triennial Aircraft Fire & Cabin Safety Research Conference on [October 26th at 8:00am](#).



Brian Morin will be speaking at the IFAI Advanced Textiles Conference on [October 18th at 11:15 am](#).

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## Upcoming Events

- [The Battery Show](#) - September 13th - 16th
- [Batteries 2016](#), Nice, France - September 28th - 30th
- [InterBattery 2016](#), Seoul, Korea - October 5th - 7th
- [IFAI Advanced Textiles Conference](#)- October 18th -21st
- [8th Triennial Aircraft Fire & Cabin Safety Research Conference](#) - October 24th -27th
- [Lithium Battery Power/Safety](#), Bethesda, MD - November 1st - 4th

You can also check our website for a [calendar of events](#).