

NEWSLETTER

NEWS AND NOTES FROM **BITRODE** YOUR PARTNER IN POWER

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Hitting the Road This Summer

The sun is shining, the temperatures are on the rise, it's June, and summer is officially here in St. Louis! For many of us, summertime means family vacation time and the likelihood of that vacation time including a road trip is on the rise.

According to the U.S. Travel Association's 2017 Domestic Travel Market Report; seventy-six percent of domestic trips in 2016 relied on the traveler's own vehicle as the primary mode of transportation. And according to MMGY Global's 2017-18 Portrait of American Travelers study; leisure travel including a road trip is up

17 points from the year prior. With road trips back in popularity, it's a great time to be in the battery industry! Whether road trippers are using a new all-electric vehicle, a hybrid, or a regular gas fueled vehicle more time on the road means more battery usage. Thankfully, improvements in lead batteries have lead to an increase in battery life by thirty to thirty-five percent over the last twenty years, according to Essential Energy Everyday. And currently, major electric vehicle manufacturers are offering up to an eight-year warranty on their batteries.

Bitrode Corporation is proud to play a part in helping the battery industry continuously evolve and improve. Our laboratory systems support; life-cycle testing, drive simulation for EV's, start/stop testing, reserve capacity testing, and so much more. Better testing capabilities ensure better battery performance; allowing travelers to go further with fewer worries and more time to enjoy the summer and the open road.



Photo by Andras Vas on Unsplash

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Did you know?

Those who made the first transcontinental drives between 1901 and 1908 were counseled by self-proclaimed experts to carry abundant quantities of supplies. Mary C. Bedell's impressive list of gear, published in her entertaining 1924 account of auto touring, *Modern Gypsies*, typifies what was carried by the most dedicated motor campers both in scale and variety: "tent, duffle bags, gasoline stove, Adirondack grate and a kit of aluminum kettles, with coffee pot and enamel cups and saucers inside"—an array of equipment that added "four or five hundred pounds" alone to the weight of the fully loaded automobile. Between the obstacles presented by terrible road conditions, the likelihood of frequent mechanical breakdowns, and the rarity of supplies to sustain driver and vehicle, these early outings always required a bold spirit.



Photo by Patrick Tomasso on Unsplash

<http://time.com/3998949/road-trip-history/>

Power Sharing in FTF

How to understand power sharing in Bitrode's dual circuit FTF family of machines.

Bitrode Corporation offers power sharing in our FTF machines. But what does that mean for you?

The best way to describe the benefit of power sharing is through an example of when it can be used. In a dual circuit, a FTF that has the total power rating of 400KW will share the 400KW between the two circuits. For an example the circuits could share the power evenly; ckt1=200KW and ckt2=200KW at the same time. The FTF could also distribute the power nonsymmetrical i.e. ckt1=150KW and ckt2=250KW at the same time. The circuits are controlled completely independently of each other. This allows the FTF circuits to utilize the full power available in the FTF. The only limitation in the distribution of power between the circuits is that the absolute sum of the power being output by each circuit may not exceed the total power of the cabinet.

Cabinet Power		Circuit1		Circuit2
250KW	=	0KW	+	250KW
250KW	=	100KW	+	150KW
250KW	=	150KW	+	100KW
250KW	=	250KW	+	0KW



For more information on Bitrode's FTF family of machines and how they can work for you please contact your local sales representative!



From left to right on the top row; Simpo,Louis,Jia, Shawn. From left to right on the second row; Tina,Sara,Casper,Yolanda, and Jiao.

sales team at the China International Battery Fair held this past May in Shenzhen, China. Below and to the left is pictured Craig Brunk, Bitrode's Director of Sales and Marketing, along with representatives and Sovema Group at the AABC, Europe show held this past January in Mainz, Germany. Below and to the right is pictured John Richardson, Bitrode's Regional Sales Manager, along with Shawn Dickinson at the Power Sources conference and exhibit held this past March in Ft. Lauderdale, FL, USA.

Bitrode would like to thank everyone who has visited us at a show or event this year so far. We look forward to seeing you at one of our remaining events later in 2018!

Bitrode On The Road

A recap of the tradeshow and events in 2018 so far

Bitrode has been busy hitting the road in quarters one and two of 2018. We have attended or exhibited at 13 different tradeshow, conferences, and events ranging across the continents. From China to Germany to Detroit, Michigan; Bitrode's sales team and representatives have been out promoting and educating members of the battery industry. To the left is pictured Shawn Dickinson, Bitrode's Technical Sales Engineer/Regional Sales Manager, along with Bitrode's Chinese



From left to right; Criag Brunk, Juergen Pendl, Suzanna Beltrame, and Michele Bonizzato.



From left to right; John Richardson and Shawn Dickinson.

Meet the New Guys

Bitrode has experienced significant growth within the last quarter and you may be seeing some new faces in the hallways and on the floor. We would like to take a moment to introduce our newest employees!



Name: Lana Cornish
Position: Buyer/ Inventory Control Clerk
Start Date: 03/26/18



Name: Jeena Abraham
Position: Engineering
Start Date: 05/01/18



Name: Tiffany Foster
Position: Inventory Control Clerk
Start Date: rehire



Name: Eric Bailey
Position: Tech Assembly
Start Date: 05/14/18



Name: Dhara Chaudhary
Position: Software Engineer
Start Date: 04/09/18



Name: Youyou Wang
Position: ECN Coordinator
Start Date: 05/21/18



Name: Brian Mechler
Position: Receiving Manager
Start Date: 04/16/18



Name: Austin Winter
Position: Sub Assembly
Start Date: 05/29/18

The warmest of welcomes to the new members of the Bitrode family, we are glad to have you on board!



Bitrode News

New representatives and new certifications for Bitrode

In Bitrode's continued quest to improve our global support, sales, and service network, we are pleased to announce that we have added two new Bitrode agencies in Russia and in North America. In March, Bitrode signed an agreement with Pavel Prohorov of LLC Neotech. Mr. Prohorov will be handling the sales and support of Bitrode Battery testers throughout the Russian territory. In May Bitrode signed an agreement with Randy Bloom of W5 Engineering and have brought him and his team of representatives on to cover the West Coast region of North America. W5 Engineering will be supporting Bitrode sales in the US states of California, Oregon, Washington, Idaho and the Canada provinces of British Columbia and Alberta.

Bitrode has recently been re-assessed and certified by the International Certifications and was found to comply with the requirements of ISO 9001:2015 Quality Management Systems. ISO, International Organization for Standardization, creates documents that provide requirements, specifications, guidelines or characteristics that can be used consistently to ensure that materials, products, processes, and services are fit for their purpose. Using ISO 9001:2015 helps Bitrode to ensure that customers get consistent, good quality products and services.

Safe Travels!

Bitrode says farewell to two retiring employees

This May, Bitrode bid a final farewell to two of our employees. Ken Street, the Stock Supervisor and Quality Rep, and Ed Buch, a sub-assembly worker, have announced and left for their retirements.

Ken and Ed both spoke of plans for traveling during their retirement and Bitrode would like to wish them safe travels and all the best in their new adventures!



Pictured left to right; Ed Buch and Ken Street.

Job Openings

Bitrode is looking for new people on board!

Current open positions include; Tech Assembly, Electrical Technician, and Technical Support for Europe.

Join the team!

BITRODE

We're Hiring!

Event Schedule

Tradeshows, Conferences, and Exhibits

16th European Lead Battery Conference and Exhibition

When: September 4 - 7

Where: Vienna, Austria

Booth: 5 & 6

The Battery Show - North America

When: September 11 - 13

Where: Novi, Michigan - USA

Booth: 1601

Low Carbon Vehicle Event

When: September 12 - 13

Where: Millbrook, UK

Booth: C3-201

To see a full list of Bitrode's upcoming events visit; <http://www.bitrode.com/events/>.