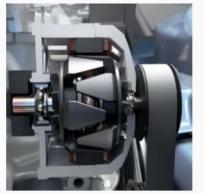
E-MOBILITY ENGINEERING ONLINE PARTNERSHIP



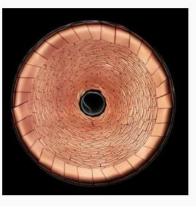
















The Grid

Features

Toples

Descuree

EME magazin

Subscribe





BCL25-700-8

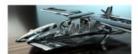
22-25 kW On-Board Charger with Export Functionality

The Grid



May 27th 2021

Bridgestone has designed a tyre specifically for solar-power EVs (writes Nick Flaherty). It has been designed for Netherlands based solar car designer Lightyear and its Lightyear One car to reduce the weight and rolling resistance and so increase its range compared with the regular production tyre. The Lightyear One has a range of 450 miles [...]



Horizon Aircraft has developed a hybrid electric vertical take-off (eVTOL) aircraft with eafety at the heart of its design (writes Nick Flaherty). The Caverite L. 1



May 27th 2021

Infineon has launched a 680 V hybrid silicon carbide (SiC) and silicon transistor for inverter designs (writes Nick Flaherty). The CoolSiC Hybrid Discrete for [...]



lun 01st 2021

Researchers in the US have taken a key step forward towards using aluminium for rechargeable batteries that have far higher capacity than current lithium-ion [...]



Jun 02nd 2021

Nanom in liceland has developed a nanotechnology process that can turn carbon fibre structures into solid-state batteries block Flaherty). The company caye this ...

ONLINE PARTNERS







(-)ebasto

Dossier



Dossler

Irizar Group le truck

Rory Jackson investigates the development of this electric/hybrid refuse truck, which is already operating in various European countries. Developing heavy EVs for urban applications, where regulations on emissions and noise are the strictest of any operating environment, requires a wealth of research...



Dossler

Energica Eva Ribelle

Rery Jackson explores how this e-biles combines the efficiency for urban commuting with the performance for recreational use. Rebel with two causes Since its founding in 1014, the Energica Motor Company has acught to combine outtingedge electrical engineering with designs that capture the ergonomics and aesthetics needed to thrive in the world of Lucyr motorbikes £, ... 1



Focus on...

Battery Safety

Power Electronics



ONLINE PARTNERSHIP

In 2021 we relaunched <u>www.emobility-engineering.com</u> to provide electric vehicle engineers with a central content hub enabling access to our full back-catalogue of magazines and articles.

We understand that our readers need access to unbiased technical insight and professionally peer-reviewed critical analysis in varying formats. With that in mind, each issue of *E-Mobility Engineering* is published as the traditional print magazine, the 'Flipping Book' digital magazine and as standalone articles in a blog format.

Becoming an online partner elevates your brand to the forefront of the *E-Mobility*Engineering community, ensuring you are not lost in a crowded market.

In 2021 we are proud to partner with Bel, John Deere, Solvay and Webasto, but in 2022 we are offering 6 additional companies the opportunity to brand alongside our industry-leading content.









MAIN PROMO BANNER:

The Grid









LOGO & DISPLAY BANNER:









DISPLAY BANNER:

Special Reports



at the approaches taken by some of their suppliers. Changing the wheelba tional car or truck design by 6 or 7 in creates a ripple effect whereby half the ission shaft has to be redesigned, changing the centre of gravity and the

Focus on...

E-MOBILITY **ENGINEERING** HOMEPAGE

The 4 advert sites on the homepage are shared between all partners, serving and rotating all adverts equally. The main promo banner is advert site 1.

All online partners' logos are presented in a premium position between The Grid stories and our cover story dossier features. Here you will also find advert site 2 at the top of our industry-renowned Focus article list.

Scrolling down the homepage between the dossier section and our special reports you will find advert sites 3 & 4, which feature alongside the upcoming events banner.



Search Q

The Grid

Footure

Topics

Resources

EME magazin

Subscribe



Progress beyond

ELECTRIFYING MOBILITY FOR A SUSTAINABLE FUTURE

Discover our specialty polymer solutions



Home > Features > Battery Safety

Battery Safety



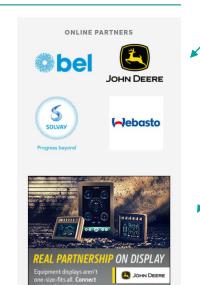
Crash and post-crash safety tests for batteries include complete vehicle tests, allowing structural as well as systemic protection systems to be proven (Courtesy of Polestar)

Cut-off points

The EV battery industry offers a variety of ways to minimise the hazards they can pose, as Peter Donaldson explains

Proximity to large amounts of energy has always presented hazards, but people have mostly learned to live with them and enjoy its benefits. However, being close to a high-energy electrochemical system such as a 100 kWh battery is still relatively novel. What's more, a series of high-profile EV battery fires, vehicle recalls prompted by fire risks and the new Chinese government rule mandating 5 minutes' warning between detecting an incipient thermal runaway and penetration of the passenger compartment by fire to give passengers time to escape have sharpened the focus on battery safety, even though such rents are rare.

For obvious reasons, batteries are made from non-flammable materials as far as possible, and their electronic control and thermal management systems provide increasingly tight regulation of operating conditions. Generally conservative design and over-



ENGINEERING EVERY PAGE

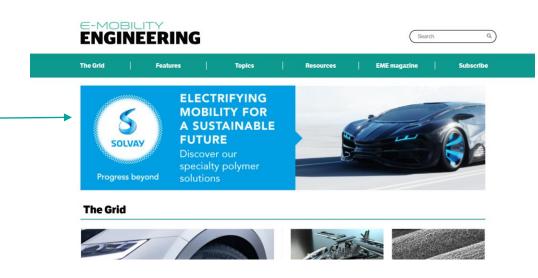
Being an *E-Mobility Engineering* online partner means that your main promo banner, logo and display banner appear on every page of www.emobility-engineering.com

Rotating adverts...

The main promo and display banners are set to rotate every 10 seconds and serve each unique visitor with a different starting advert, ensuring that your brand is seen by all our readers in all our articles.

MAIN PROMO BANNER:

DESKTOP: 970 x 250 px MOBILE: 300 x 250 px RESOLUTION: 72 DPI COLOUR: RGB FILE LIMIT: 2 MB



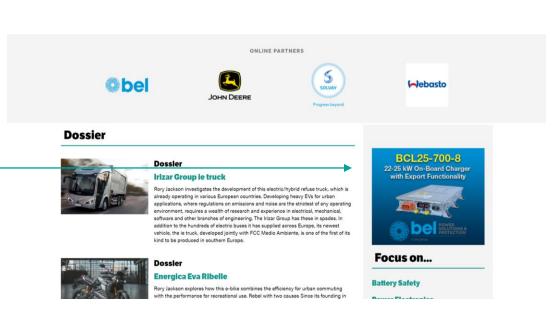
DISPLAY BANNER:

FILE TYPE: PNG/JPEG/GIF

DESKTOP & MOBILE: 300 x 250 px RESOLUTION: 72 DPI COLOUR: RGB

FILE LIMIT: 2 MB

FILE TYPE: PNG/JPEG/GIF



ENGINEERING THE SPECS

All logos should be supplied as a .Al file for optimal results or we can accept .SVG or .PNG files, to a minimum width of 500px.

All video-based adverts need to be published in MP4 but please contact Nick Ancell to discuss further details.

We can also help design and produce the ad copy for you. If this service is needed please ask at the point of booking.

PRINT

DIGITAL



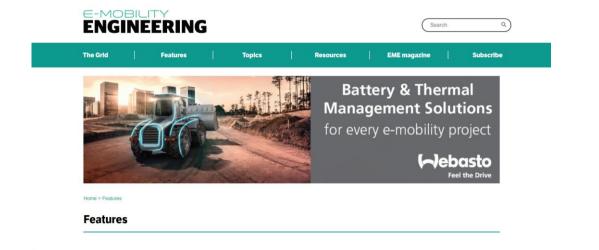




ecialist notes, with the speed of response coming from the greater capacity to absorb heat for a given mass flow rate

Another key factor in responsiveness, the powertrain specialist says, is the quality of the thermal interface. This determines how ffectively the heat generating components can be coupled to the components in the system that carry the heat away





ONLINE

ENGINEERING AVAILABILIT

Booking for 2022 is now open, and to maximise your reach and visibility we can combine the online partnership with print and digital adverts in the magazine for 2021-22.

For all enquiries relating to online partnerships please contact Nick Ancell on:

+44 1943 352 749

+44 7882 547 841

nick@highpowermedia.com