

Media Information

14 October, 2020

BMW Group UK second-life battery solution in partnership with Off Grid Energy.

- Retired BMW and MINI batteries will have second-use as mobile power units adapted and produced by Off Grid Energy.
- First prototype power unit up and running, powered by MINI Electric battery modules.
- BMW Group will have 25 electrified models on the roads by 2023 – half of them fully electric

Today, BMW Group UK announces a new partnership with Off Grid Energy to create a sustainable, second-life solution for BMW and MINI electric vehicle (EV) batteries.

BMW Group UK will supply Off Grid Energy, market leaders in energy storage, with battery modules for them to adapt to create mobile power units, giving retired BMW and MINI EV batteries a useful second-life when they can no longer efficiently be used in cars.

Graeme Grieve, CEO BMW Group UK, said “BMW Group will have 25 electrified models on the roads by 2023 – half of them fully electric. We are delighted to work with Off Grid Energy to find a sustainable way of continuing to use these valuable batteries, even after they have put in many years of service in our electrified cars.”

BMW and MINI EV batteries have a warranty of eight years or 100,000 miles. After this period the battery could still retain up to 80 per cent of its initial capacity. However it is inevitable that at some stage, the battery will no longer function at an optimum level for the car – although it can continue to serve a ‘secondary use’ purpose as a mobile power source.

BMW Group Company

Postal Address
BMW (UK) Ltd.
Summit One
Summit Avenue
Farnborough
GU14 0FB

Telephone
01252 920000

Fax
01252 920001

Internet
www.bmw.co.uk

BMW

United Kingdom

Corporate Communications

Media Information

Date 30 September, 2020

Subject

BMW Group UK and Off Grid Energy announce second-life battery partnership.

Page

2

Danny Jones, Managing Director Off Grid Energy said “Off Grid Energy’s business model has been built with sustainability at its core, from the way we make our products and the materials we use, through to the environmental impact of our technology. We’re extremely excited to be in partnership with BMW Group UK and use our technology to give BMW and MINI electric vehicle batteries such a valuable second use.”

The first prototype unit is now up and running, powered by lithium-ion battery modules extracted from a MINI Electric development vehicle. It has a 40kWh capacity delivering a 7.2kW fast charge and will be used at BMW and MINI UK events over the next year. As more battery modules become available over time, systems will be built with a capacity of up to 180kWh and able to provide multiple charges at rates of up to 50kW. When these units are used to displace conventional ways of generating temporary power, the battery modules will at least double the CO₂ reduction achieved in their original use in the car, continuing their positive impact in reducing carbon emissions.

Sustainability and resource efficiency is central to the BMW Group’s strategy. Announcing initial details of the corporate strategic direction in July this year, CEO Oliver Zipse said, “How we use resources will decide the future of our society – and of the BMW Group. As a premium car company, it is our ambition to lead the way in sustainability. That is why we are taking responsibility here and now.” The company, which has already sold well over half a million electrified vehicles, will have 25 electrified models on the roads by 2023, with more than half of these fully electric. The BMW Group expects electrified cars to account for between 15-25 per cent of the company’s global sales before 2025. By 2021, a quarter of the vehicles sold by the company in Europe will be electrified – that figure is expected to rise to a third by 2025 and half by 2030.

ENDS

The BMW Group

With its four brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world’s leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. The BMW Group production network comprises 31 production and assembly facilities in 15 countries; the company has a global sales network in more than 140 countries.

BMW

United Kingdom

Corporate Communications

Media Information

Date 30 September, 2020

Subject

BMW Group UK and Off Grid Energy announce second-life battery partnership.

Page

3

In 2019, the BMW Group sold over 2.5 million passenger vehicles and more than 175,000 motorcycles worldwide. The profit before tax in the financial year 2019 was € 7.118 billion on revenues amounting to € 104.210 billion. As of 31 December 2019, the BMW Group had a workforce of 126,016 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company has therefore established ecological and social sustainability throughout the value chain, comprehensive product responsibility and a clear commitment to conserving resources as an integral part of its strategy.

www.bmwgroup.com

Facebook: <http://www.facebook.com/BMWGroup>

Twitter: <http://twitter.com/BMWGroup>

YouTube: <http://www.youtube.com/BMWGroupView>

Instagram: <https://www.instagram.com/bmwgroup>

LinkedIn: <https://www.linkedin.com/company/bmw-group/>

For further information please contact:

Helen Wilson
BMW Group Media Relations Executive
Tel: 07815 372 480
Email: Helen.Wilson@bmw.co.uk

Georgina Cox
MINI Media Relations Manager
Tel: 07815 370 878
Email: Georgina.Cox@mini.co.uk

Emma Begley
General Manager, Communications
Tel: 07815 371 062
Email: Emma.Begley@bmw.co.uk

Graham Biggs
Corporate Communications Director
Tel: 07815 376 867
Email: Graham.Biggs@bmw.co.uk