

**PRESS RELEASE****EMBARGOED UNTIL 9:00 AM CET, SEPTEMBER 12, 2017****Visit Thunder Power on Stand B20 in Hall 5.0****Thunder Power reveals electric vehicle range at IAA 2017**

- Thunder Power presents its first development prototype sedan
- Limited launch edition coupe due on the road Q2 2019
- Frankfurt also hosts World Premiere of the Thunder Power SUV

Frankfurt, Germany, September 12 2017: After making its debut in 2015, the international electric vehicle manufacturer Thunder Power has returned to Frankfurt to showcase the latest evolution from its premium electric vehicle range. Arriving in full test-camouflage, the first full development prototype of the Thunder Power Sedan was revealed. A stunning new electric SUV also made its world premiere. And to complete the line-up, a rolling chassis exhibited the revolutionary technology of the dedicated EV platform.

Taking the EV further, faster

Thunder Power combines European engineering excellence, timeless Italian design with a Zen-inspired philosophy. The all-new dedicated platform features a 125kWh battery capacity, powering the vehicle to an unprecedented range of up to 650 km (NEDC) - a benchmark for the sector. A choice of motor configurations up to a maximum of 430kW ensures no compromise in driving pleasure for forward-thinking consumers. Exterior styling matches this impressive performance with sweeping, dynamic lines forming an unmistakably powerful silhouette. The instantly recognizable grill is also an icon in the making.

TP-01: Stunning return to IAA

Taking a break from testing duties to make a guest appearance in Frankfurt, TP-01 is the first development prototype produced using pre-series materials and components. Its primary function is testing, development and validation of dynamic & battery performance. With mass production scheduled in under two years, the engineering process is in full swing. Since its debut at IAA 2015, the Thunder Power Sedan has been developed from the original concept vehicle with noticeable styling and aerodynamic enhancements to both the front and rear of the car giving a more mature and striking on-road presence.

SUV: Zen-inspired design

Designed by Thunder Power's own in-house design team based in Milan, Thunder Power SUV "Future Vision" alpha prototype represents the shape of things to come. Benefitting from the advantages of the modular design of the dedicated platform, the SUV is a natural extension of the range to follow in the footsteps of the Sedan. A unique electrical motor and battery configuration offers unmatched levels of freedom in design – which the company refers to as Intelligent Packaging. Intelligent Packaging maximizes interior space, especially in the rear, with none of the traditional compromises. It allows a center of gravity comparable to that of a sedan, significantly increasing dynamic capabilities and driving pleasure whilst retaining all the advantages of the modern off road vehicle. And it enhances aerodynamics by optimizing air intakes, underbody and overall surface-generated drag.

**Chassis, Suspension & Space Frame: Innovation with intelligence**

Thunder Power's core competence lies in its proprietary technologies, this includes the all-new innovative and revolutionary modular chassis and suspension system, showcased at Frankfurt.

Engineered in Italy, the race-inspired multi-link suspension features open lower triangle architecture and a closed top triangle at the front, providing maximum flexibility for the design of the cabin. At the rear, a lower wishbone and top connecting link rod eliminate the need for the top anchor point normally found in a double triangle suspension. Each component has been manufactured using hot forging technology for optimum strength. Together, the result is a near-perfect balance of driving dynamics: high levels of comfort with the firm suspension that delivers performance car levels of ride and handling.

Designed and developed in Germany, the Space Frame structure combines lightweight shaped aluminum with hot forged high-straight steel allowing a total weight reduction of more than 40% compared to the conventional standard.

Limited Launch Edition Coupe

To celebrate the launch of the Thunder Power premium electric vehicle collection, a special edition coupe is now being prepared for release. Strictly limited to just 488 cars globally, the elegant coupe features a 4WD drivetrain with torque-vectoring and is powered by a 488 kW electric powertrain. A refined and spacious interior will be sculpted from the finest Italian leather, customized to each buyer's personal taste. And every model will have its unique serial number laser-inscribed plaque installed, making each a true collectible.

Global manufacturing facilities

Thunder Power recently opened their brand new manufacturing centre in Ganzhou, in south-eastern China's Jiangxi province. A multibillion RMB joint venture with the Gannan state industrial fund, the facility provides an emphatic demonstration of the company's long term commitment to China and the wider Asia Pacific region. In Europe, meanwhile, Chairman & CEO Wellen Sham has signed an agreement with Mr Jordi Baiget, the Catalan Minister for Business and Knowledge for the construction of a second manufacturing site based in Catalonia, Spain. Thunder Power's affiliate company Electric Power Technology has also recently come to an agreement with the Taoyuan City government to build a new battery pack manufacturing facility in Taiwan.

A word from the Chairman

Speaking at the IAA, Thunder Power Chairman & CEO Wellen Sham says he expects the line up to have a major impact on the booming EV market. "Thunder Power is a new force in the EV industry. We are dedicated to creating outstanding electric vehicles which eliminate the compromise faced by current models. At the same time, we attach great importance to restoring a harmonious balance between modern day transportation and the preservation of nature."

"IAA Frankfurt is one of the highest profile motor shows, known for showcasing the latest trends and technological industry highlights. So it's a perfect setting for the world premiere of our debut line up of premium electric vehicles to the world's media, investors and consumers."

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To arrange a one-to-one session with Thunder Power CEO Wellen Sham on press days (12-13 September), please email your preferred times to: olivia.lai@tpev.com

Visit the Thunder Power at IAA: Stand B20 in Hall 5.0

About Thunder Power

Thunder Power is a technology innovator and manufacturer of premium electric vehicles. Its core technology competence lies in the fields of battery management, thermal management and chassis development, with over 100 patents granted and over 250 filed. By combining in-house proprietary technologies with world-class European engineering and design team, Thunder Power has created a dedicated electric vehicle architecture from the ground up.

Drawing on the expertise of an international team of world class designers and engineers, with R&D facilities in Italy and China, Thunder Power commits to be a technology pioneer, pushing the boundaries and showcasing the future. Without compromise, complications or limits.

About Wellen Sham

Wellen Sham has more than 30 years operations and management experience in hi-technology, private equity/venture capital investments and restructuring. Recognizing that the traditional gasoline internal combustion engine would no longer be viable in the long term, Wellen Sham was inspired to find a better way.

He spent the following 10 years in conducting research, aiming to create automotive solutions that are sustainable, cost effective and energy efficient. In 2011, he took control of the listed Taiwanese group, Motomax, and reorganised it from a traditional consumer-lead business to a company focused on innovation and technology which ultimately led to the creation of Thunder Power.

As Chairman & CEO, Mr Sham personally oversees the group's research and development, manufacturing and global distribution of Thunder Power's current and future products.





The Thunder Power Dedicated Electric Vehicle Platform

Chassis

The chassis design and stiffness has been engineered in order to deliver excellent vehicle dynamics, NVH performance and state of the art general vehicle quality.

The front-end frame and the rear-end frame modules, from aluminum die-cast and extruded process, are engineered to optimize the overall weight and energy absorption performances and are suitable for a modular chassis application, allowing a common platform to be applied across the complete portfolio.

Suspension

Front: Multi-link open lower triangle architecture and a closed top triangle optimize performance

Rear: Trapezoidal link, lower wishbone and top connecting link rod.

This architecture allows achievement of the perfect balance of dynamics: high levels of comfort with the firm suspension that delivers performance car levels of ride and handling.

The system is sculpted purely from aluminum, it is lightweight, durable and highly responsive.

Space Frame

The Space Frame structure combines lightweight shaped aluminum parts with hot forged high-straight steel allowing a total weight reduction of more than 40% compared to the conventional standard.

Battery

Range	up to 650 km (NEDC)
Battery capacity	up to 125 kWh

Drivetrain

Traction option	2WD rear or 4WD
E-machine	2 or 3 motor
Traction control	Torque vectoring system

Performance*

Maximum speed	up to 250 km/h
Acceleration 0 – 100 km/h	< 4.0s
System power	up to 430 KW

**depending upon model configuration*

Model Range Availability

Sedan	from 2019
SUV	from 2020
Limited Edition Coupe	from 2019



Appendix



Thunder Power Sedan, dressed in full test-camouflage



Thunder Power Sedan

thunder power



World Premiere of Thunder Power SUV



Thunder Power Limited Launch Edition