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HYPTEC SSR

China Supercar HYPTEC Supercar

The era is calling

New energy electric technology innovation breakthrough, in response to the call of the times born new electric supercar HYPTEC SSR

Supercar represents human instinct to challenge the limit, as well as the top level of automotive design and manufacturing.

When the supercar's 0-100km acceleration capability is within 3 seconds, every 0.1 second increase is a geometric multiple increase in the requirements for technological breakthroughs and car building systems. Moreover, the halo of the world's top-level supercar comes from the traditional fuel vehicle field, and there is no reference basis or performance standard for mass-produced pure electric supercars.

So to say: The difficulty of developing a supercar with 0-100km acceleration capability within 3 seconds is as good as that of a new aerospace project.

AION, with exquisite automobile manufacturing technique and deep technological reserves, has completed pioneering works that rank first in the automobile industry, such as magazine battery, sponge silicon negative plate technology, super-speed battery technology…HYPTEC, as a high-end luxury brand affiliated to GAC AION, is born with leading technological advantages and intelligent manufacturing genes, making the birth of China's first supercar possible.

"A representative of made-in-china supercars" is a mission that dares to be the first. HYPTEC shall not live up to the era. HYPTEC has gathered the elite forces of the three countries and four regions, attracting top supplier partners and industry experts to join in the R&D team of the supercar. After more than 300 sets of design solutions and thousands of trials over the past years, HYPTEC has overcome many difficulties in building supercars: The self-developed and self-produced two-speed four-in-one high-performance motor and magazine battery have achieved technological innovation from 0 to 1; aerospace grade racing car tire and long-fiber carbon ceramic brake disc have broken through foreign technological blockades, and filled in the domestic gap.

Finally, HYPTEC announced to the world: Chinese Supercar - HYPTEC SSR is born!

The ability is as great as the responsibility. HYPTEC is never just to build a good car, but also to achieve the supercar dream of Chinese automakers and to promote the progress and development of the industry and society. HYPTEC SSR represents HYPTEC brand's original aspiration. With the concept of "saluting to the classic and surpassing the classic", HYPTEC SSR has achieved independent design, independent R&D and independent intelligent manufacturing. HYPTEC SSR is a 100% Chinese supercar, as well as China's first mass-produced supercar.

The birth of HYPTEC SSR is HYPTEC's response to the call of the era, all Chinese automakers' aspiration.

Chinese supercar steps towards the pinnacle of the world

Countless 1% improvements achieve 100% miracles.

1.9s 0-100km acceleration capability

Superfast car on the ground

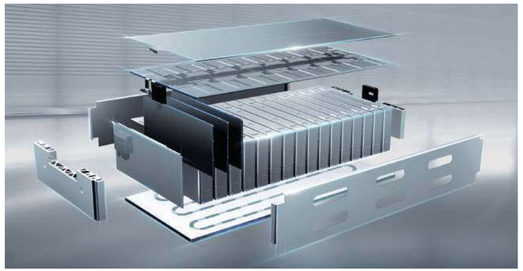
1000hp electric drive technology achieves technological innovation from 0 to 1

The breakthrough of HYPTEC SSR' s 1.9s 0-100km acceleration capability is as good as that of "systematic engineering" of giant aircraft.

In order to match the extreme acceleration, engineers have only one goal when developing motors - to manufacture a self-developed motor , that can rival two or even three motors , with smaller volume and mass. After tens of thousands of repeated designs and

continuous optimizations, engineers have developed flat wire motor technology. With a unique wiring method, the technology reduces the system space volume by 15% and weight by 20%. By combining with full-stack self-developed Edrive 3.0 intelligent control system, it solves the problem of volume and weight caused by stacked motors. The motor power density is improved from 6kW/kg to 10.5 kW/kg, with one generation ahead of the industry, ensuring super-fast power output.

Through the unremitting efforts of the R&D team, HYPTEC has pioneered two-speed four-in-one high-performance motor, achieving a performance leap in the mass-produced pure electric supercars! The ultimate performance of 1.9s 0-100km acceleration capability has broken through the 2s bottleneck that the traditional supercars have never been surpassed! The maximum efficiency of the system reaches 94.5%. It can release 12000N · m peak torque on the wheels when being fully propelled, instantly bringing a 1.7G rocket-like pushback force; the maximum output power is 1225hp, surpassing the F1 racing standard by 1.5 times. In the moment of driving HYPTEC SSR, you will feel blood surge and passion burning.



Defend the 45°C lifeline in the unmanned area of the supercar battery

Unlike ordinary passenger vehicles, the supercars require continuous high power output on the racing track. The heat generated within 3 minutes is enough to melt 10kg steel. This poses the severer challenges to the safety and thermal management capabilities of supercar batteries. The absolute thermal stability safety threshold of ternary lithium battery is about 45℃. How to walk a tightrope between speed and temperature? "Defend the 45° C lifeline" is a thermal management challenge that distinguishes supercars from ordinary electric vehicles.

HYPTEC SSR battery adopts a layered parallel independently-controlled high-efficiency cooling system in the limited space to perfectly distribute the cooling flow rate to control the temperature difference of each cell within 5℃ in the racing track mode, thereby leveraging the powerful power output capability of the cells; by combining domestically produced high thermal conductivity materials and pre-cooling strategies, the cell temperature is firmly maintained below 45℃.

To ensure more reliable battery safety, HYPTEC SSR is equipped with high-performance magazine batteries, with the three layers of "new clothes" solving the problem of thermal runaway management of supercar batteries:

The "underwear" layer is a nanoscale aerogel firewall between the cells, which fundamentally blocks the heat transfer between the cells and snuffs out the crisis in the cradle.

The "coat" layer is a high-temperature insulation material; HYPTEC SSR raises the heat resistance temperature standard of the material to above 1000℃, and combines with the upper cover of sheet metal and mica partition to ensure that the fire is prevented from spreading in the first time.

The "vest" layer is an explosion-proof valve that can quickly discharge high-temperature gas when the internal pressure rises to a critical point.

A pioneering move not to compromise on materials

The birth of extraordinary works requires the creation of conditions even without proper conditions. The chips in the automobile industry generally reach a voltage of 800V. The engineers have sought breakthroughs form high-speed rail technology. Currently, they have self-developed and customized industrially ultra-high 900V SiC chip, and adopt all-silver sintering technique.

HYPTEC SSR adopts the high-end SiC chip made of the same new semiconductor material as that of high-speed rail - SiC. Compared to ordinary chips, the chip can reduce size by 30%, increase current by 25%, reduce stray inductance by 40%, increase working frequency by 2.5 times, and reduce power consumption by 80%. This ensures the stability of high-power output and is compatible with the packaging at the application level. Different powers and voltages can be freely used. It perfectly coordinates the 4WD systems of the front and rear three motors, and combines the needs of ultra-high power, high torque, high speed and high efficiency.

Break the rules and fill in the industry gap

The greater the friction of the tire is, the greater its contribution to performance during the dynamic acceleration phase is. The peak torque of HYPTEC SSR on the wheels is as high as 12000N · m, while the self-weight adhesion is only 6700 N. At least 1.8-fold adhesion coefficient of the tire is required to ensure no slipping.

In order to achieve excellent comprehensive performance, HYPTEC SSR has cooperated with the team that has participated in the research and development of domestically produced giant aircraft tires, taking the lead in using high-strength polyamide fiber material as the tire substrate. This material can provide tires with the higher strength and stiffness to withstand greater loads and ensure the better grip and maneuverability at high speeds.

Moreover, HYPTEC SSR extracts the concepts of strength and heat generation from aerospace tire formula design concept, forming an advanced cross vector design theory, that treats tires as a three-dimensional model and innovates in horizontal and vertical vectors. The high strength shall be considered to meet performance requirements in the design of vertical components. Low deformation and minimum consumption shall be considered in the design of horizontal components.

In addition, the special tread smooth mold design combined with the full hot melting formula allows the tires to fully utilize the adhesion of tread molecules during driving, providing strong grip.

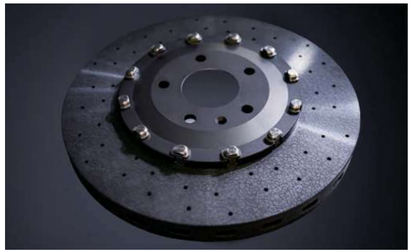
HYPTEC SSR brings the grip, stability and maneuverability of the tires closer to their limits. By matching with contour design and structural design, the tire can further enhance its comprehensive performance under different road conditions, and break through the driving control limits, which fills in the domestic gap in the racing car tire.

Break through technological bottlenecks and achieve leap of braking capacity

1.9s 0-100km acceleration capability braking can generate tremendous friction and high temperature instantly. A single brake can damage or destroy the cast iron brake discs used in ordinary vehicles. The carbon ceramic brake disc technology for high-speed braking has been tightly blocked by a few foreign companies. HYPTEC is well aware that, only by mastering the core technology of carbon ceramic brake discs can we build a truly first-rate supercar.

The R&D team has made a breakthrough in applying the long-fiber carbon ceramic technology in the aerospace field to the supercar brake discs. Long-fiber weaving technology, directional chemical vapor deposition technology and ceramic preparation technology, which are pioneered and applied globally in the field of automobile brake disc, by using the high-strength carbon fiber as reinforcement, have jointly achieved HYPTEC SSR' s dedicated aerospace grade long-fiber carbon ceramic brake disc.

The brake disc not only has excellent braking efficiency, but also achieves approximately 2.0g/cm^3 low density, compressive strength exceeding 200-400MPa, 0.3-0.6 high friction coefficient and high temperature resistance. Moreover, it has MVP level performance in terms of oxidation resistance, heat attenuation resistance, and all-environment applicability. In addition, the long fiber has the better technical toughness and the higher strength than foreign short fiber, allowing a 1000hp racing car to stop on the racing track immediately.



Wind-suction automatic butterfly wings

Since its birth 50 years ago, the butterfly doors can be opened and closed automatically

For automatic opening and closing art, elegance is innate

"How to enter a supercar with the most elegant posture? " has always been a key issue in the supercar design. With cutting-edge technologies and innovative design, according to the "elegance" principle, HYPTEC SSR achieves a new evolution of the butterfly doors, and creates the new wind-suction automatic butterfly wings.

The 2WD motor brings HYPTEC SSR stable power supply, which makes opening and closing of the doors more stable and smoother when the doors are opened, thereby achieving a lively effect like a butterfly dance.

HYPTEC SSR has achieved the lightweight design of the doors. The carbon fiber reinforced materials with high specific strength and high specific stiffness make the doors lighter and stronger. In the hinge area, the hinge and driving mechanism are specially designed to increase its strength, bringing a cooler door opening effect and convenience for getting on and off.

HYPTEC SSR' s probe for the car doors goes beyond the above. Through repeated researches, breakthroughs have been made in integrating millimeter wave radar technology. The doors can detect the environment around the supercar and make a quick response, achieving the effect of "identifying the car owner by the doors" .

In order to make the door opening more enjoyable, the team has also developed cellphone APP and other electric opening and closing methods.

To achieve better door opening and closing effects, the frameless door design may be the best choice in the electric age. With the support of high-level technique, HYPTEC SSR has created a ultimately creating an "elegant" and "playable" wind-suction butterfly doors.

The courtesy opening achieves unprecedented harmony between people and supercar

The supercar in the era of electrification should not be a single choice question between performance and intelligence. The driver's desire for intelligent supercar is fulfilled through HYPTEC SSR. HYPTEC SSR' s unique super-brain intelligent courtesy light technology adds to the ultimate driving pleasure, bringing the unprecedented harmony between people and supercar.

IBCM senseless start provides drivers with an immersive "senseless" high-speed driving experience, achieving "senseless" services, such as automatic unlocking near the door, power-on upon boarding, and driving upon shifting. Drivers will no longer need to manually control locking and other trivial operations. HYPTEC SSR, with real "sensing" capability, will actively help drivers enter the driving state.

The pure electric technology endows supercar with new vitality. The bionic electric eye light language makes HYPTEC SSR automatically light up Yeelight headlights and AirWing taillights when it detects someone approaching, just like a sleeping beast waking up and opening its eyes to greet you.

The intelligently-controlled butterfly doors open in linkage, creating a unique sense of ceremony for the driver.

Aerodynamics design

As swift as a falcon

Make turbulence into the driving force

With the design philosophy of the pure electric era, by using industry-leading transient simulation technology, HYPTEC SSR draws inspiration from the falcons to develop a "wind-suction" design thinking that combines aesthetics and aerodynamics.

The connection between the air-inlet grille on the front face and the air-inlet duct guides the airflow in front of the car to flow into the engine compartment and then out from the guide port below the front windshield. By combining with the falcon airflow channel on the side of the car, it can effectively sort out the air turbulence in front and on the side. Moreover, the combination of the air-inlet duct in the traditional vehicle fog light area and the wheel chamber airflow channel at the bottom of the door significantly improves the turbulence inside the wheel pack, thereby achieving the effect of reducing air resistance.

In order to control the airflow, HYPTEC SSR' s chassis is well-designed.

Its flying chassis is not completely flat, but is equipped with 12 bottom guide strips, which are sufficient to stir the air to generate strong longitudinal eddies. The position and curvature of each guide strip have been repeatedly optimized to ensure that the low-pressure eddies can maximize its effect on the entire car bottom plate, accelerate the airflow speed under the vehicle, reduce airflow loss, and improve downforce performance.

Through well-designed downforce regulation of front and rear weight distributions, HYPTEC SSR can provide the more stable driving and the stronger grip at high speed. When the speed reaches 250km/h, HYPTEC SSR can generate 100kg downforce in its optimal state.

In addition, the tail wings which can lift and lower actively when the speed per hour is higher than 80km/h, can effectively increase downforce and improve driving stability upon lifting, and reduce wind resistance upon lowering, so that the driver can freely switch between stable driving and low wind resistance range under high downforce.

100% carbon fiber outer covering

Movable ten million level collectible

The car body alone is over 10 million baht

Carbon fiber is the star of supercar manufacturing materials.The density is only one-fifth that of steel plate, but the tensile strength is 3.5-5 times that of steel plate, and the stiffness is 5 times that of steel plate. Due to its expensive cost far exceeding 20 times that of steel, it is known as "black gold".

But the engineers of HYPTEC SSR only choose the optimal material, without consideration of the price. According to the principle of lightweight, engineers have pushed the application of carbon fiber to the extreme, creating a 100% carbon fiber outer covering body worth ten million. The lightweight coefficient exceeds 1.72, ranking at the top level in the industry.

The outer covering parts of the car body are made of high-strength carbon fiber prepreg, and the surface layer adopts T300 grade carbon fiber 3K twill, with a finer exterior texture; the inner layer is made of T700 grade high-strength carbon fiber, with a tensile strength greater than 4900MPa, providing the optimal structural strength.

The weight reduction of the vehicle causes the center of gravity to move downwards, improving the stability and flexibility of vehicle handling. The driving is safer.

Forge perfect and stable body under the conditions of vacuum, high temperature and high pressure

HYPTEC SSR body is made of high-strength carbon fiber prepreg, and forged through aerospace grade autoclave molding technique and quality control methods. After being stacked, the prepreg is cured in an autoclave at a constant temperature and pressure. Laser positioning during the stacking process ensures the accuracy of the stacking process; the sensors are arranged inside the autoclave to accurately monitor the entire process, thereby ensuring quality stability; the uniformity deviation of internal temperature inside the autoclave is less than 5℃, and the deformation caused by temperature stress shall be reduced to improve dimensional accuracy.

After passing through the tests under extreme environments of vacuum, high temperature and high pressure, HYPTEC SSR achieves its lightweight goal while obtaining the structure with high performance, high accuracy, high reliability and stable quality to forge a perfect and stable body.

AI racing track technology

On the racing track in the intelligent era, you become a driver in one second

The readiness is instantly activated when seated

The cockpit of an excellent supercar is as good as its performance. HYPTEC SSR understood this from the beginning.

Driver First intelligent cockpit , features a driver-centered racing car style interior design, multiple driving control modes, and voice control intelligence technology. Fully-upgraded human-computer interaction creates ultimate driving pleasure.

The driver-centered racing car level interior design zeroes the driver' s distance from the speed passion. The hexagonal racing car style steering wheel, sports seats and other configuration details awaken your driving desire in the first time.

Multiple driving control modes and voice control intelligence technology, break shackles of traditional control system lacking interactivity. HYPTEC SSR can not only "dialogue" with the driver, sense and make judgments, but also choose different driving control modes according the road conditions to make driving more efficient and safer.

Always stand at the forefront of the era

All vehicle control software supports intelligent upgrades, helping to enhance the driving experience to the level of human-vehicle integration.
Only by being brand new all the time can we always stand at the forefront of the era.

The surging current outlines the epoch-making pure electric supercar

The epoch-making pure electric supercar should be characterized by breaking the rules and electrifying.
HYPTEC SSR' s "functional current" body language , combined with blade-like sharp feature lines, highlights HYPTEC SSR' s pioneering ultimate performance aesthetics.
The combat feel of the wedge-shaped body posture interprets free and easy, tension-filled electrified aesthetics with simple and sharp strokes.The elegant curved front face and slightly raised semi-wrapped wheel arches outline the beauty of curves, saluting to the classic body design style of the supercar.
The concise and sharp feature lines and the sharp decorative lines of the front grille create a three-dimensional sense of the supercar with sharp corners and folds, revealing the inherent vitality and strong sense of sportiness.
The organic combination of geometric straight lines and romantic curves condenses a subtle and steadfast spirit.
On top of the powerful body, the designer creatively adopts gem-cut headlights, with tiny diamonds that shine like pearls.
The dazzling AirWing taillights, just like finishing touch, highlight the senses of technology and luxury.

Resonance with the mental flow reflects technological ingenuity behind the interior

The exterior pursues minimalism. The interior design of HYPTEC SSR also returns to its original essence. With the driver's experience as the center of interior design, it strives to create "topspeed mental flow" space that integrates human and vehicles. "Topspeed" satisfies the driver's absolute control over the handling experience, while "mental flow" focuses on the driver's internal emotional tension.

To achieve the "topspeed" experience that the drivers expect, it requires to fully mobilize every inch of the "muscles" of HYPTEC SSR. The designer starts with a sense of control to create a functional offset cockpit for the driver. The hexagonal racing car style steering wheel with comfortable holding sense and the wrapped and ironed sports seats spark your passion instantly. A 14.6-inch center console and an 8.8-inch dashboard equipped with a dedicated interface for the racing track version fully enhance the immersive feeling of human-vehicle integration. The driving pleasure of digital electric supercars is within reach.

The fashionable interior material adopts 3D weaving technology. The pure vegetable-tanned eco-friendly leather, by using fully handcrafted interior wrapping technique, enhances senses of comfort and value of the interior cabin.

China’s first supercar production line

Define production standards of next-generation supercar and lead industry development

The birthplace of HYPTEC SSR, Hualong Town, Guangzhou-is located at the estuary of the PearlRiver, with superior geographical advantages, beautiful natural environment, historical celebrities, millennial cultural inheritance and profound blessings; China’s first Intelligent NEV Industry Park has become the “Silicon Valley” of the world’s intelligent NEV. The combination of humanities and technologies contributes to the treasured place of Hualong Town.

Due to the millennial fortune and innovation force of Hualong Town, with industry-leading technological strength, HYPTEC creates China’s first supercar production line, which sets the first mass production standard for supercars in the world. Based on aerospace grade precision welding, 6C4B ultra computing power CNC spraying and double-layer calibration limit quality inspection, HYPTEC SSR has created a new standard for intelligent manufacturing of supercar, achieving lightweight and high-performance body and aerospace grade quality management system, and making every HYPTEC SSR into a top-level hi-tech artwork.

Aerospace grade precision welding brings the full body 100% ultra-high stiffness

Welding is the first hurdle faced by supercars from parts to forming. The aerospace grade precision welding of supercar production line in Hualong Town, with the leading cutting-edge technologies, creates a robust body for HYPTEC SSR.

With globally pioneering Lego style fixture, each spot welding is carried out on the same positioning reference system to minimize the possibility of adverse conditions. The high-grade, high-precision, advanced technology of the production line enables the “mechanical tailor” to achieve seamless welding on HYPTEC SSR.

Moreover, in order to improve the safety of the car body structure, HYPTEC SSR adopts various material combinations and 10 connection techniques. By combining body design, each material is fully utilized. The torsional stiffness of the supercar is as high as 50475N · m, which surpasses that of the multiple world-renowned supercars, and leads the industry. It builds the last safety barrier for the pure electric supercar.

The supercar, with zero defect, is a ten million level collectible once it rolls off the line

HYPTEC SSR production line adopts double-layer calibration limit quality inspection. The supercar is tested according to the laboratory standard to create an aerospace grade quality level of "zero defect and zero doubt", which makes each HYPTEC SSR into an exquisite art collectible.

Supercar paint competition enters the 200 era

Only craftsmen with 50000h operation experience can be served as the HYPTEC's spraying masters. Only the industry's top-level flexible robots can become HYPTEC's processing equipment.

6C4B ultra computing power CNC spraying adopts the world's pioneering carbon fiber dedicated spraying technique and high-precision digital spraying mode. The precision spraying is carried out through visual 3D. The robot is used to finish the supercar flexibly, spray for 6 times, bake for 4 times, polish for 4 times, and polish for 3 times. Each paint layer is completed by the spraying master and the robot. By integrating humanities and intelligence, the car paint film is as thick as 250μm, with an accuracy error less than 3μm, which leads supercar paint competition into the 200 era. The bright and shiny paint surface, if it is magnified 100 times, is still as smooth as a mirror.

Quantum red

Personalized option

Calipers color

Black

Red

Orange

20-inch rim style

20-inch 5-spoke
forged wheel hub

20-inch carbon fiber
insert forged wheel hub
(optional)

Tyre style

standard 20 inch
MICHELIN®Pilot® Sport 4 S

19 inch full hot-melt tire
(only sprint version)

HYPTEC orange

Personalized option

Calipers color

Black

Red

Orange

20-inch rim style

20-inch 5-spoke
forged wheel hub

20-inch carbon fiber
insert forged wheel hub
(optional)

Tyre style

standard 20 inch
MICHELIN®Pilot® Sport 4 S

19 inch full hot-melt tire
(only sprint version)

Titanium crystal yellow

Personalized option

Calipers color

Black

Red

Orange

20-inch rim style

20-inch 5-spoke
forged wheel hub

20-inch carbon fiber
insert forged wheel hub
(optional)

Tyre style

standard 20 inch
MICHELIN®Pilot® Sport 4 S

19 inch full hot-melt tire
(only sprint version)

Auroral green

Personalized option

Calipers color

Black

Red

Orange

20-inch rim style

20-inch 5-spoke
forged wheel hub

20-inch carbon fiber
insert forged wheel hub
(optional)

Tyre style

standard 20 inch
MICHELIN®Pilot® Sport 4 S

19 inch full hot-melt tire
(only sprint version)

Phantom blue

Personalized option

Calipers color

Black

Red

Orange

20-inch rim style

20-inch 5-spoke
forged wheel hub

20-inch carbon fiber
insert forged wheel hub
(optional)

Tyre style

standard 20 inch
MICHELIN®Pilot® Sport 4 S

19 inch full hot-melt tire
(only sprint version)

Phantom carbon fiber black

Personalized option

Calipers color

Black

Red

Orange

20-inch rim style

20-inch 5-spoke
forged wheel hub

20-inch carbon fiber
insert forged wheel hub
(optional)

Tyre style

standard 20 inch
MICHELIN®Pilot® Sport 4 S

19 inch full hot-melt tire
(only sprint version)

Interior color

Black Orange Red

Safety belt color

Red

Orange

Black

Dedicated customized nameplate

Regular version

Topspeed version

HYPTEC SSR

Optional package			HYPTEC SSR	HYPTEC SSR Sprint
Exterior color				
Body color	Quantum red/HYPTEC orange/Titanium crystal yellow/ Auroral green/Phantom blue		○	○
Body color	Phantom carbon fiber black		—	○
Roof color	Carbon fiber/Body color		○	○
Rear spoiler color	Carbon fiber/Body color		○	○
Interior				
Interior style and color	Black/Orange/Red		○	○
Seat belt color	Red/Orange/Black		○	○
Others				
20-inch five-spoke forged wheel hub			●	●
20-inch carbon fiber insert forged wheel hub			○	○
19-inch forged wheel hub + full hot-melt tire			—	●
Caliper color	Black/Orange/Red		○	○
Specifications				
Length x width x height (mm)			4556 x 1988 x 1230	
Wheelbase			2650	
Number of seats			2	
0-100 km/h acceleration time (s)			2.3	1.9
Peak motor power (kW)			900	
Peak motor torque (N·m)			1230	
Type of front/rear suspension			Double wishbone suspension	
Battery and range				
Range	NEDC range		490km	490km
Power consumption (kWh/100km)			17.3	17.3
Battery	Independently-developed high-power battery system		74.69kWh	74.69kWh
	Type of battery	Ternary lithium-ion battery	●	●
	Battery heating function		●	●
Electric drive system	Peak power of electric drive system		900kW	900kW
	3 motors (1 in front and 2 at rear)		●	●
High-voltage platform	900V		●	●
Charging system	Integrated power supply (IPS)	Bi-directional high-power charger	●	●
	External power charging outlet	External DC charging	●	●
		External AC charging	●	●
		Charger lock	●	●
V2L	220V V2L	Bidirectional charging/discharging	●	●
Exteriors				
LED headlamp			●	●
LED tail lamp			●	●
Suspension system	Double wishbone + SDC suspension	Suspension hardness adjustment	●	●
Drive system	Drive axle	High-performance drive axle	●	●
Transmission system	e-LSD		●	●
Steering system	EPS (adjustable)	R-EPS	●	●
Service brake	6 (front) + 4 (rear) fixed calipers		●	●
	Carbon-ceramic ventilated disc brake		●	●
Electric butterfly door			●	●

Exteriors		HYPTEC SSR	HYPTEC SSR Sprint
Frameless door		●	●
Power liftgate		●	●
Windshield	Front windshield soundproof green glass	●	●
	Rear windshield gray glass	●	●
Wiper	Front windshield intelligent frameless wiper	●	●
Electric vehicle inlet cover		●	●
Electric rear spoiler		●	●
Exterior mirror	Electric mirror adjustment	●	●
	Automatic exterior mirror folding	●	●
	Heating, defrosting and defogging	●	●
	Auto dimming	●	●
	Position memory	●	●
Interior			
Leather instrument panel		●	●
Leather center armrest		●	●
Front cup holder		●	●
Leather steering wheel		●	●
Steering wheel 4-way electric adjustment		●	●
Driver seat	8-way driver seat electric adjustment (forward/backward/upward/downward/reclining/cushion inclination)	●	●
	2-way lumbar support electric adjustment	●	●
	Seat heating	●	●
	Seat ventilation	●	●
	Position memory	●	●
	Memory & courtesy function	●	●
	Side spoiler electric adjustment	●	●
	Driver seat sensor	●	●
Front passenger seat	8-way front passenger seat electric adjustment (forward/backward/upward/downward/reclining/cushion inclination)	●	●
	2-way lumbar support electric adjustment	●	●
	Seat heating	●	●
	Seat ventilation	●	●
	Courtesy function	●	●
	Side spoiler electric adjustment	●	●
	Front passenger seat sensor	●	●
Leather seat		●	●
LED dome lamp		●	●
Multi-color intelligent ambient light		●	●
Trunk lamp		●	●
Auto-dimming streaming media interior mirror		●	●
Suede driver/front passenger sun visor		●	●
Suede headlining		●	●
Suede carpet		●	●
Dual-zone climate control		●	●
Interior valuables storage box		●	●
Exclusive nameplate		●	●
Fragrance system		●	●
PM2.5 filter element		●	●
One-touch disinfection		●	●
Negative ion generator		●	●

Interior			HYPTEC SSR	HYPTEC SSR Sprint
PM2.5 sensor			●	●
Air quality sensor (AQS)			●	●
ADIGO intelligent cockpit system				
8.88-inch LED instrument cluster			●	●
14.6-inch multi-function touch screen			●	●
4G network service			●	●
In-vehicle Bluetooth			●	●
In-vehicle wifi			●	●
RF remote key			●	●
IBCM keyless startup			●	●
Interior E-release button			●	●
CCS (cruise control system)			●	●
RPA sensor			●	●
AVM (around-view monitor)			●	●
High-end A/V unit			●	●
Electronic sound			●	●
Speed-sensitive audio volume adjustment			●	●
Interior microphone			●	●
Interior speaker			8	8
Exterior speaker			2	2
Power outlet	12V power outlet		●	●
	type-A interface		3	3
	type-C interface		1	1
	12V battery charging remote control		●	●
Safety				
Parking brake	EPB		●	●
	AutoHold		●	●
Auxiliary braking	Electronically-assisted braking system (one box)		●	●
	Brake assist ESP	Hydraulic brake assist (HBA)	●	●
		Hill hold control (HHC)	●	●
		ABS+EBD+TCS	●	●
ESP deactivation		Physical button	●	●
Braking energy recovery		CRBS (with proportion adjustable)	●	●
Seat belt	Front seat belt	Single pre-tensioner & load limiter + DLT	●	●
	Seat belt reminder	Visible alarm + audible alarm	●	●
Airbag	Front single-stage dual SRS airbag		●	●
	Front side airbag		●	●
	Front side curtain airbag		●	●
Circuit protection system	Collision-sensitive high-voltage power cutoff function (frontal collision/side collision/rear-end collision)		●	●
	Audible/visible alarm switching		●	●
	Door ajar warning (alarm given if any door, hood or liftgate is not closed upon locking)		●	●
Tire pressure monitoring system	TPMS		●	●

Note: ● for standard featured; ○ for optional features; - for features not available

*Please consult your local dealership for details

From then on, the supercar entered the electric vehicle era

Achieve the dream of new energy supercar and promote dreams into reality

The birth of HYPTEC SSR not only fills in the global gap in the mass production of pure electric supercars, but also ends the history of China' s inability to produce supercars.

HYPTEC SSR will become a technological darling of the elites representing China' s speed, The Chinese supercar culture will take shape under the guidance of HYPTEC, with the name "China" left on the map of the world's supercar.

HYPTEC SSR has broken the upper limit of supercar performance. With the 1.9s 0-100km acceleration capability, it will lead the era of pure electric supercar! HYPTEC SSR is a technological innovation from 0 to 1, as well as a complete breakthrough in foreign technological blockade. and establish a new level of intelligent manufacturing for traditional supercar.

The supercar is known as the pearl in the crown of the automobile industry, and is the pinnacle of technology and technique. The mass production of the supercars means that scarce peak technologies and techniques can be mass-produced and standardized. Such strong industrial chain capabilities reflect the pinnacle of a country's industrial system capabilities. If building a supercar is equivalent to climbing Mount Everest, while the mass production of supercars is equivalent to running a marathon on Mount Everest! HYPTEC has opened up China' s first pure electric supercar industry chain, and truly achieved mass production of supercars, creating HYPTEC SSR, a "technology business card" for Chinese cars to go global!

Many advanced technologies of HYPTEC SSR will gradually be applied to other HYPTEC products, achieving technological equality and building HYPTEC' s technological moat through top-level supercars. HYPTEC has invested over RMB100 million in Hualong Town to build China' s first supercar production line, which establishes the standard for future supercar production lines and defines the next-generation supercar. The world's new energy moves into a new era.