



## I pace max charge speed

Bjørn Nyland continues tests of the Jaguar I-PACE and took the car to the IONITY ultra-fast charging station in Germany, that in theory should be able to put out 350 kW at 800 V (or at least half of that in case of lower voltage battery packs). Officially, Jaguar I-PACE is rated for 100 kW from CCS Combo charging should take around 40 minutes). However, in reality, it was good only for about 84 kW at peak and, according to Bjørn, Jaguar is expected to make 100 kW (or even 120 kW) possible later (in coming weeks or months). As you can see on the graph provided by Bjørn, Jaguar I-PACE doesn't offer charging power equal to Tesla cars, although higher-voltage battery packs seem to help a little bit. The advantage for long-distance travel is to leave the ultra-fast chargers at around 60-70% state-of-charge (around 50% SOC power is decreasing) or at around 85% in the case of ordinary 50 kW chargers at around 85% in the case of ordinary 50 kW chargers at around 60-70% state-of-charge (around 50% SOC power is decreasing) or at around 85% in the case of ordinary 50 kW chargers at around 85% in the case (it takes into account energy consumption) Below you can see that high energy consumption of the I-PACE translates to lowest pace of replenishing range among other long-range EVs (Tesla Model X, Kia Niro EV or Hyundai Kona Electric). Jaguar I-Pace specs: 90 kWh battery for up to 480 km (298 miles) of range (WLTP) 0-100 km/h (62 mph) 4.8 seconds / 0-60 mph (sec) 4.5 seconds Top speed mph 200 km/h (124 mph) two permanent magnet electric motors; synchronous - 400 PS (294 kW) total system output all-wheel drive 0-80% DC fast charging in 40 minutes using 100 kW CCS Combo 0-100% AC charging using 7 kW 0n-board charger in nearly 13 hours Tesla took a noteworthy 10.6% of the California light-vehicle market; or to put it another way, Tesla sold 78% of the battery electric vehicles bought in California in Q1. Vinfast preview drive, Subaru Solterra pricing, Nissan solid-state tech, electric pickup went into production this week? This is our look back at the Week In Reverse—right here at Green Car Reports—for the week ending April 29. 2022 VW Flexpole charging, USPS gas-truck opposition builds, first-gen Kia Niro EV lives on: Today's Car News A "Flexpole" fastcharger is at the center of a push for more charging in Europe from VW and BP. With a second-generation Kia Niro EV continues as zero-emission taxi special for home Korean market To arrive at the Niro Plus, Kia says that it stretched the length of the Niro EV by 10 mm (0.4 in), with a slimming-down elsewhere to expand passenger space. Bengt Halvorson April 29, 2022 VW-BP project will add thousands of space-saving "Flexpole" urban fastchargers in Europe The 150-kw DC fast-charging stations can be installed at low-voltage grid points, thanks to an included battery storage system. Stephen Edelstein April 29, 2022 States and environmental groups sue USPS over gasoline mail delivery trucks Environmental interests ad 16 states together allege that the USPS signed a contract dismissing an emphasis on electric mail trucks before analyses or cost projections were made. Stephen Edelstein April 29, 2022 California might offer stronger incentives to those who use the most gasoline. Lucid Air sedans and Gravity SUVs point to the future of the Saudi Arabian government fleet. And Polestar signals a few changes for a new model year of the '2.' This and more, here at Green Car Reports. The 2023 Polestar 2 lineup might get more driving range—including more real-world range from an improved heat pump, the brand confirmed. The new model year will also bring an upgraded cabin air filter, a removable sunshade, and a fresh set of colors and wheel designs. And buyers will get a car with... California considers refocusing EV incentives toward low-income "gasoline superusers" The amount of fuel used by an applicant's vehicle would be calculated based on EPA mpg ratings for the model plus odometer readings. Stephen Edelstein April 28, 2022 2023 Polestar 2 gets improved range, fresh colors and wheels Polestar claims range improvements and a lower carbon footprint from the use of renewable energy in the manufacturing process. Stephen Edelstein April 28, 2022 Saudi Arabia agrees to buy up to 100,000 Lucid EVs The deal includes an initial commitment of 50,000 vehicles, with an option to purchase 50,000 more, including the Lucid Air and "other future models." Stephen Edelstein April 28, 2022 F-150 Lightning production, Nissan solid-state focus, Volta commercial trucks: Today's Car News Ford is making F-150 Lightning electric pickups for customers, and a second electric truck could just be just over a couple years away. Volta has big commercial trucks with no allowance for internal combustion And Nissan is hoping solid-state cells create even better EVs later in the decade. This... Bengt Halvorson April 27, 2022 Will solid-state batteries be the key to make electric SUVs and pickups viable? Nissan thinks more energy-dense, lighter, faster-charging solid-state cells will be a game-changer for EVs. And they might be best used in trucks. Bengt Halvorson April 27, 2022 The Jaguar I-Pace will gain a new faster on-board AC charger and revised infotainment as part of a number of upgrades for the 2021 model year. The British firm's first EV has previously been offered with a 7kW on-board charger, but it will now be sold with a three-phase 11kW unit as standard. Plugged into an 11kW AC domestic wallbox, that will allow 33 miles of range to be added per hour, with a full charge from empty in 8.6 hours. With a 7kW wallbox, a full charge per hour. The I-Pace will continue to be offered with a 100kW on-board DC charge in 15 minutes. The revamped I-Pace will also be the first Jaguar to feature the firm's latest Pivi Pro infotainment system, which is currently only found in the Land Rover Defender. Combining a 12.3in digital instrument cluster and 10.0in and 5.0in touchscreens, the system has a revamped menu system, over-the-air upgrades and updated navigation systems. That includes live traffic updates and built-in electric charging point information. The navigation system can use that data to optimise routes to include a stimated charge times. The I-Pace will also now be sold with an embedded eSIM, including a complimentary 4G data plan. Exterior design upgrades include new paint colours and new 19in wheel designs replace the 18in versions as standard on S models. A new Atlas Grey grille tip finish is offered, and customers can also option a new Bright Pack, which includes a new chrome grille surround and new elements on the mirror caps, window surrounds and rear diffuser. Inside, a 360 degree 3D surround camera system is now offered as standard while Jaguar Land Rover's ClearSight digital rear-view mirror. A wireless smartphone charger is also an option, while both front seats now come with heating systems as standard. Jaguar has also installed a new filtration system which captures ultrafine particles including PM2.5 particulates. The system can be used with the I-Pace's preconditioning system to clear the cabin of allergens and ultrafine particles. The new I-Pace is on sale now, priced from £65,195. The Jaguar I-PACE – the world's first premium all-electric performance SUV – now offers a new fast, intuitive infotainment system and quicker charging capability, making owning and driving an electric vehicle easier than ever All-electric I-PACE performance SUV: now featuring a new infotainment system, three phase AC home charging and even more driver-focused technology Pivi Pro infotainment system; as quick and easy to use as your smartphone, with self-learning navigation that can show you where the nearest available charge station is, how much it will cost and how long it will take to charge Faster home charging: 11kW (AC) domestic wall box can add 53km/33miles of range (WLTP) per hour for customers with three-phase supplies Outstanding performance and range: Acceleration from 0-60mph in just 4.5 (0-100km/h 4.8 seconds) seconds and up to 470km / 292 miles (WLTP) Greater connectivity: Dual-modem embedded SIM with 4G data plan, wireless device charging, embedded Spotify, and Bluetooth for two phones at the same time Driver Assistance technology: A new 3D surround camera and ClearSight rear-view digital mirror deliver unimpeded visibility Occupant wellbeing enhanced: Cabin air ionisation with PM2.5 filtration captures ultrafine particles and allergens. The I-PACE can filter cabin air while on charge before a journey More distinctive design: Atlas Grey finish to grille pins as standard, enhanced software-over-the-air capability: Systems including infotainment, battery management and charging can be updated remotely and enable the I-PACE to continuously improve over time Available to order now at jaguar.com and priced from £65,195 in the UK Since its debut the I-PACE has won more than 80 global awards, including 2019 World Car of the Year, World Car Design of the Year and World Green Car, reinforcing its status as the Jaguar which tore up the rule book to become the first and best electric car of its kind. With two Jaguar-designed electric motors at each axle, producing exceptional combined performance of 400PS and 696Nm, aluminium construction and a low centre of gravity, the I-PACE offers an unrivalled balance of all-wheel drive performance, refinement, luxury and agility - together with outstanding real-world range and day-to-day usability. I-PACE: at a glance The Jaguar to feature the new Pivi Pro infotainment system. As intuitive to use as a smartphone, Pivi Pro is fast and responsive with enhanced EV navigation that can show you if nearby charging stations are available or in use, what they cost, and how long it will take to charge (market-dependent). I-PACE now comes with an 11kW on-board charger as standard, enabling customers with access to three-phase electricity supplies to enjoy significantly faster charging: when connected to an 11kW wall box 53km/33 miles\* of range (WLTP) per hour can be achieved, while a full charge from empty now takes only 8.6 hours - ideal for overnight charging at home. Customers in single-phase markets using 7kW wallboxes also benefit from competitive charging capability - up to 35km/22 miles of charge per hour, with a full charge taking 12.75 hours. When charging 'on the go', a 50kW charger will add up to 63km/39 miles in 15 minutes, whilst a 100kW charger will add up to 63km/39 miles in 15 minutes, while a focus on air guality, occupant well-being is prioritised, with cabin air ionisation now featuring PM2.5 filtration to capture ultrafine airborne particles and allergens. The I-PACE can even filter its cabin air before a journey begins. The exterior design is enhanced with a new Atlas Grey grille tip finish and customers benefit from an enhanced paint palette, new range of wheels, and a luxurious new Bright Pack option, available on all models in the I-PACE range. when we developed the I-PACE we wanted it to be the world's most desirable electric vehicle and to show what happens when Jaguar goes electric. I think we've achieved those ambitious goals, and now we've made it even better with a new infotainment system, three-phase charging and technology that benefits driver and passengers alike. We've also subtly enhanced the design with an Atlas Grey finish to the grille mesh and with the new Bright Pack option. I-PACE was the first premium all-electric performance SUV: every change we've made ensures that it's still the benchmark in its class. I-PACE in detail Smarter, faster and better connected: The new Pivi Pro infotainment system is a highlight of the I-PACE's spacious, luxurious interior. The 12.3-inch high-definition virtual instrument cluster, 10-inch and 5-inch upper and lower touchscreens\*\* and multi-function, haptic rotary controllers are matched to crisp, clean, contemporary graphics for an engaging, intuitive user experience. Inspired by smartphones, Pivi Pro is easy to use, while its powerful processor and 'fast start-up' ensures the system is ready to go by the time you're in the driving seat. Supported by a built-in back-up battery, navigation initialisation takes just a few seconds. The new and intuitive flat menu structure makes navigating the system easy with the features and functions you use regularly accessible via the home screen with just a click. The redesigned navigation system reduces the number of steps regularly accessible via the home screen with just a click. now features completely revised graphics to give an even clearer indication of battery state of charge, while changes to the predictive range calculation algorithm will deliver a more accurate and consistent estimate of vehicle range, while being more reflective of an individual's driving style. I-PACE is now available with an optional wireless device charging pad beneath the 'floating' centre console. Wireless charging also includes signal boosting, ensuring the phone's signal remains stronger for longer. A Smartphone Pack with Apple CarPlay® is standard, as is Bluetooth technology which can pair two phones simultaneously ensuring you'll always be connected. The Smartphone Pack also includes Android Auto<sup>™</sup> and Baidu CarLife, depending on market applicability, as standard. Customers need no longer be concerned about data usage or buying a SIM, as the I-PACE comes with a dual modem embedded SIM (eSIM) and complimentary 4G data plan which enables unlimited music streaming via Spotify, Deezer or Tunin and map, weather, calendar and traffic updates simultaneously\*\*\*. The new Pivi Pro infotainment system will help to get you where you want to go in less time and with less effort. The navigation uses self-learning algorithms to optimise routing, voice guidance even knows to remain quiet when you're travelling through areas you know, and maps will always be up to date thanks to software-over-the-air (SOTA) functionality. Simplifying the process still further is Pivi Pro's ability to automatically add charging stations to your route, if needed. The system will select the optimum chargers to minimise total journey time. On long drives, Pivi Pro can also show you the predicted charge level on arrival at each waypoint\*\*\*\*. The Pivi Pro infotainment system makes it easy to use public charging networks. As well as showing where charging time. We know that most customers charge their I-PACE at home but we wanted to make charging on the go just as simple - and our new infotainment system makes that possible. Driver assistance and wellbeing: The I-PACE has been designed to keep you and your family safe, and was awarded the maximum five-star EuroNCAP rating. State-of-the-art digital technology further assists drivers and road users. Visibility is significantly enhanced with a new 3D Surround Camera that provides a 360-degree digital plan view of the surrounding area and potential hazards, visible through the central touchscreen. Inside the cabin, the ClearSight rear view mirror improves vision and convenience by ensuring the driver always has an unobstructed view of the road behind, even with three people in the rear seat or with the 656-litre luggage compartment loaded up to the roof. ClearSight uses a wide-angle, rear-facing camera linked to a high-resolution screen within the frameless glass mirror. A small toggle switch on the mirror allows the driver to switch seamlessly between the view from the standard mirror and the camera feed. Neatly integrated within the roof-mounted antenna module, the high-definition camera works in all conditions, including low ambient light, while a protective lip and hydrophobic coating help to repel water and ensure the camera lens remains as clean as possible. All occupants benefit from the enhanced climate control system, which delivers smart, energy-efficient heating or cooling of up to four zones independently. Cabin air ionisation designed to remove allergens, also features a filtration system which captures a filtration system is that, when charging, customers can use the I-PACE's preconditioning system (which optimises battery temperature) to also purge the cabin of allergens and ultrafine particles before beginning a journey. Enhanced customer choice: Complementing the new Atlas Grey grille tip finish is the luxurious new Bright Pack option, available on all models in the I-PACE range. The Bright Pack accentuates I-PACE's breath-taking design with a Noble Chrome grille surround, Atlas Grey door mirror caps, Satin Chrome window surrounds and Atlas Grey for the rear diffuser. The contemporary Black Pack option is enhanced with the application of the gloss black finish to the rear diffuser. Blue and Eiger Grey. There's also a wider choice of wheels, with a new 19-inch design being offered for the first time on I-PACE, and replacing 18-inch wheels as standard equipment on S models in select markets. Inside, customers can now benefit from the option of an enhanced Meridian 3D Surround Sound System with TrifieldTM technology. The system features two additional speakers in the cabin headliner, meaning the 16 speaker and one subwoofer arrangement delivers an exceptional experience for all occupants. Going electric made easy: The Jaguar I-PACE has been designed to ensure every step of the customer journey delivers peace of mind and makes owning an electric car as easy as possible. With a range of up to 470km / 292 miles (WLTP) from its 90kWh battery, customers with an average daily commute would only need to charge their I-PACE is offered with an 8 year or 100,000 mile / 160,000KM battery warranty. A range calculation tool on jaguar.com makes it easy to see how factors such as vehicle speed, ambient temperature and climate control settings can influence the real-world range you could expect to achieve. Jaguar I-PACE. It also doubles as your mobile owner's manual, ensuring the answer to any question about charging are at your fingertips. For queries 'on the go' I-PACE customers can also get help 24/7 from the I-Assistance service - at the touch of a button they'll be connected directly to an expert to answer any queries about the vehicle. Jaguar Partners with home-charging providers all over the world, making charging your car as easy as charging your phone. Every home charging point from Jaguar's recommended partners comes smart enabled, meaning you can conveniently activate and deactivate you charging cable locks into place as soon as the car is locked, and cannot be disconnected until the vehicle is unlocked, giving you the freedom to go about your day while the vehicle charges up. The Jaguar I-PACE has an Eco Mode which helps preserve range by reducing energy depletion and encouraging a more efficient driving style. It also makes subtle changes to cabin temperature, air recirculation and to a number of the car's other features. You can override these changes by normal operation of each feature or via the menu settings. The I-PACE is equipped with Software over the Air (SOTA) functionality. This means Systems including infotainment, battery management and charging can be updated remotely and enable the I-PACE is equipped with Software over time. \* Range added per one-hour/15-minute period is WLTP range \*\* The lower touchscreen is an option on the 'S' model and standard on all others \*\*\* 4G data plan is subject to market availability. The unlimited data is provided by the eSIM and applies to connected services and features for their respective subscription periods: Connected Navigation is initially included for three years and the Online Pack connected services subscription is provided for an initial period of one year \*\*\*\* Self-learning car and navigation features will continue to be enhanced via SOTA updates \*\*\*\*\* Based on data captured by Jaguar's Go I-PACE app in the UK

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