

# AURORAS GRID TUNISIA



Founder and CEO at Aurora's Grid (EMS of Li-ions system) ? Phd in Electrical Engineering  
Multi-physic modelling of electric system ( battery, super capacitors, rotating electric machines);  
Life time prediction of electrochemical energy storage devices;  
More than 500 hours of ex-cathedra teaching at bachelor and master



Aurora's Grid EPFL Innovation Park, Route Cantonale, 1015 Lausanne, Switzerland 1015 Lausanne, Schweiz. Aurora's Grid. Produktgruppen Stationäre Energiespeicher für Wohngebiete, Stationäre Energiespeicher für gewerbliche und industrielle Anwendungen, Stationäre Energiespeicher für Energieversorger und Netzbetreiber, Lade-/Lastmanagement



Aurora's Grid a mis au point un logiciel de gestion de l'énergie et de dimensionnement pour les systèmes énergétiques de batteries Li-ion. Le logiciel associe les connaissances électrochimiques approfondies des batteries Li-ion, les contraintes du réseau électrique et les techniques de prévision par apprentissage automatique.



Aurora's Grid EPFL Innovation Park, Route Cantonale, 1015 Lausanne, Switzerland 1015 Lausanne, Switzerland. To Exhibitor List. Aurora's Grid. Booth. B5.580. Exhibition. This supplier is exhibiting at EM-Power Europe. Product Groups. Stationary ???



Aurora's Grid Développement de logiciels Ecublens, Vaud 576 abonnés "Enabling Ageing-Aware Integration of Battery Storage" Suivre Voir les 7 employés Signaler cette entreprise ? Aurora's Grid develops an ageing-aware and eco-friendly energy management software for electrochemical batteries

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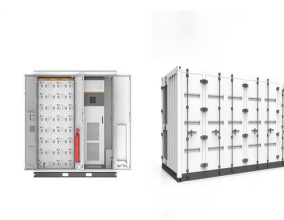
Aurora's Grid | ?????? ???? ?????????????????????? ?????? LinkedIn.  
"Enabling Ageing-Aware Integration of Battery Storage" | Aurora's Grid develops an ageing-aware and eco-friendly energy management software for electrochemical batteries



Aurora's Grid is a Swiss Company actively developing software to interface with Lithium-ion battery system. Its main originality relies on the battery lifetime extension (up to 40%) and on the possibility of integrating multiple and simultaneous services, such as peak-shaving, renewable self-consumption, and frequency control.



Aurora's Grid EPFL Innovation Park, uilding, H-1015 Lausanne Senior Energy Management/Embedded Software Architect Position type Permanent, Full time (100%) Starting date 1st May 2021 Location Aurora's Grid S?rl, EPFL Innovation Park, uilding, H ???



Aurora's Grid EPFL Innovation Park, uilding, H-1015 Lausanne Smart Grid/Energy Management Engineering Intern Position type Internship ??? 6 months Percentage Full time (100%) Starting date As soon as possible Location Aurora's Grid S?rl, EPFL Innovation Park, uilding, H-1015 Lausanne Condition Possibility to join the company for a full-time employment at the end of the ???

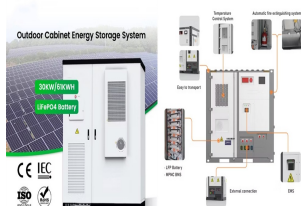


Aurora's Grid had developed an ageing aware energy management (EMS) and sizing software for Li-ion Battery Energy System (BES). The software couples deep electrochemical knowledge of Li-ion batteries, power grid constraints and machine learning forecast techniques. Aurora's Grid started experimental validation along with industrialization phase

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About Aurora's Grid. Aurora's Grid provides energy management software for the energy sector, specifically for battery energy storage systems. The company's offerings include software solutions for sizing battery storage, improving self-consumption of renewable energy, managing battery ageing, and supplying services to the energy grid.



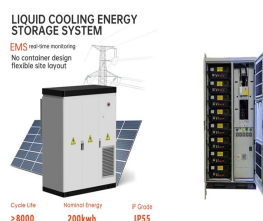
Aurora's Grid is working on the integration of EVs batteries providing ancillary services to the grid (V2G) or to building (V2B). Moreover, we started to focus on the development of an EMS for Second-life batteries applications.



Thanks to its novel EMMA solution, Lausanne based Aurora's Grid delivers a novel energy management system (EMS) for battery storage. The solution increases lifetime of the battery of 40% and revenue of 50% by coupling multiple services on the same battery asset. Being plug and play, EMMA can be commissioned remotely by Aurora's Grid within



Grâce à la machine learning et à des connaissances de niche en batterie, la start-up suisse Aurora's Grid a mis au point un algorithme qui permet d'augmenter la durée de vie des batteries. Le fondateur d'Aurora's Grid, Dimitri Torregrossa, a décidé de lancer sa start-up alors qu'il passait des vacances en Grèce en l'été 2016.



I am a mechanical engineer with a specialization in thermo fluids engineering and experience in renewable energies. I am used to working in a diverse and international setting, on projects that require dedication and collaboration. My favourite projects are the one of a kind challenges which require tailor-made solutions. | Erfahren Sie mehr über die Berufserfahrung, Ausbildung und ...

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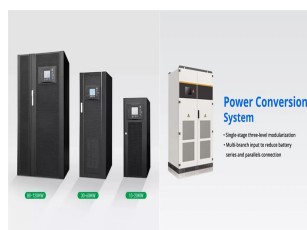
Aurora's Grid Tworzenie oprogramowania Ecublens, Vaud 712 obserwuj??cych "Enabling Ageing-Aware Integration of Battery Storage" Obserwuj Wy??wietl wszystkich pracownik?w Zg??o?? t?? firm?? Informacje Aurora's Grid develops an ageing-aware and eco-friendly energy management software for electrochemical batteries



Lausanne utility, Services Industriels de Lausanne, has financed via "Fond Efficacit? Energetique" the development of Aurora's Grid 1.0. This project started on June 2016 and it is finishing on April 2018. The main results of this project are: the investment cost of a battery storage system can be reduced up to 20% while its ageing reduced



Aurora's Grid Team growing again!!! A Great Welcome to our new R& D Engineer, Mr. Stijn Nefkens. Bringing more than 3 years of experience on renewable energies, he will help us with news EMMA 2.0 deployment!! May 24th 2021. ???



Aurora's Grid Software Development Ecublens, Vaud 604 followers "Enabling Ageing-Aware Integration of Battery Storage" Follow View all 8 employees Report this company About us Aurora's Grid develops an ageing-aware and eco-friendly energy management software for electrochemical batteries



Aurora's Grid epfl innovatin park batiment c 1015 Lausanne, Schweiz. Aurora's Grid. Produktgruppen Lithium-basierte Batterien, Batteriemanagementsysteme, Station?re Energiespeicher f?r Energieversorger und Netzbetreiber, Station?re Energiespeicher f?r Wohngeb?ude, Produkte und L?sungen f?r Micro Grids, Produkte und L?sungen f?r Smart

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Aurora's Grid General Information Description. Developer of energy management software intended to extend the life of Li-ion batteries. The company's software provides aging-aware and eco-friendly energy management and a diagnostic toolbox to monitor the state of health and detect wrong usages of the battery itself, enabling clients to reduce the aging of the ???



Aurora's Grid is software vendor for both behind the -meter and in front of the meter aggregation with focus on aggregation of demand response of C& I companies. The software is created for C& I market segment and utility market segment. If customers of a utility are willing to reduce the price by offering their flexibility, utilities apply



The software couples deep electrochemical knowledge of Li-ion batteries, power grid constraints and machine learning forecast techniques. Aurora's Grid started experimental validation along with industrialization phase in three different ???



Aurora's Grid Software Development Ecublens, Vaud 675 followers "Enabling Ageing-Aware Integration of Battery Storage" Follow View all 9 employees Report this company About us Aurora's Grid develops an ageing-aware and eco-friendly energy management software for electrochemical batteries



Aurora's Grid is the main partner of a Swiss project that aims to give a second life to the used batteries of electric cars, in collaboration with PSA Groupe. The software could be integrated into the charging stations to ???