

Release

A Watt & Well product displayed at the Elysée Palace



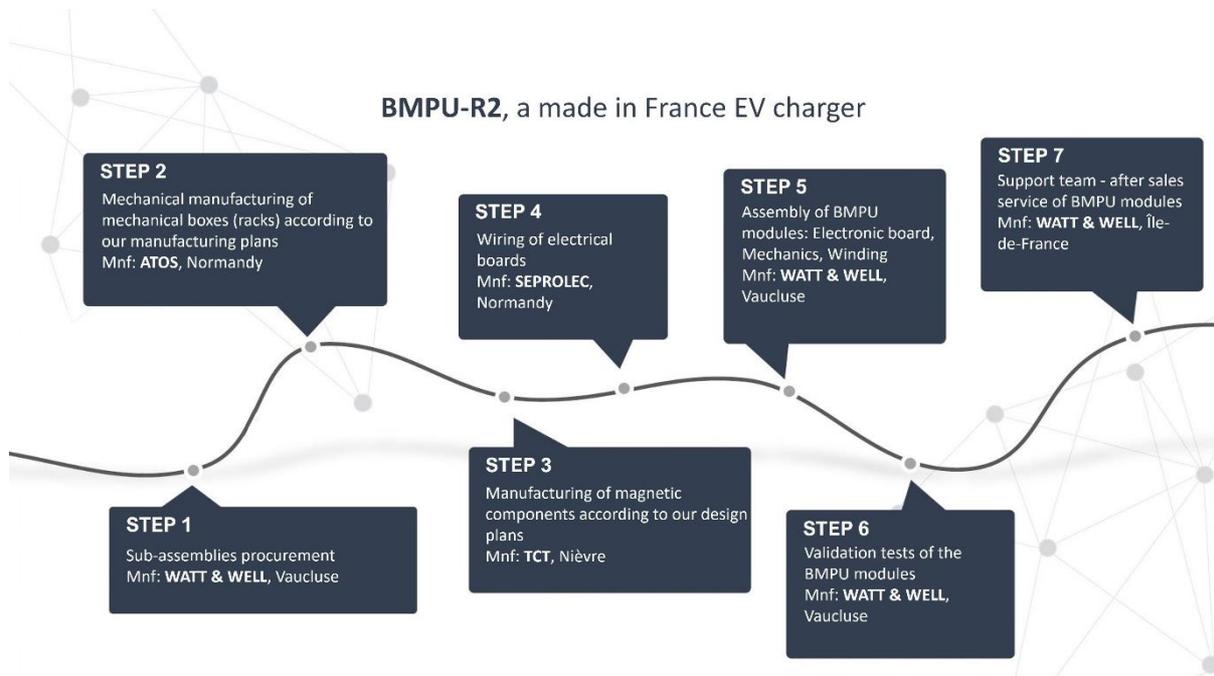
Eric Feferberg AFP

Watt & Well know-how and expertise are recognized nationally with the selection of its Bidirectional Modular Power Unit (BMPU-R2) product to be displayed at the second edition of “La Grande Exposition du Fabriqué en France” (The Great Exhibition of Made in France) in the Elysée Palace the 2nd and 3rd of July 2021. *Pertuis, France. 2021.05.26*

BMPU-R2, the made in France laureate for the Vaucluse department

With the Bidirectional Modular Power Unit (BMPU-R2), Watt & Well offers a solution manufactured and designed in France in the field of electronics to provide a European alternative to the massive deployment of Asian equipment in the smart grid electric mobility market.

The BMPU-R2 product was selected amidst 2300 applicants, and it will represent the French talent and know-how in the Vaucluse department. Our ambition is to act in the ecological transition and relocation of production to France (see picture below).



Watt & Well is honored that the Secretary of State for Economy and Finance, Agnès Pannier-Runacher, and the Minister Delegate in charge of Small and Medium-Sized Entreprises, Alain Griset, thus validates our innovation content at a national level.

Starting 2015, strong export initiatives were made with Bpifrance Prospecting Insurance, with the opening of a subsidiary in Houston, Texas (USA) in January 2016, with the participation in numerous international exhibitions to promote our innovations and products. Our export share is spread over Europe (44%), the United States of America (52%), and other (4%).

Watt & Well innovation consecration

Since 2015, Watt & Well has been a key player in charging solutions for electric vehicles. More recently, the company introduced bidirectional charging solutions for smart-grid applications. And thus produces BMPU, an innovative bidirectional modular charger. The objective is to produce about 50000 modules per year by 2025.

To remain ahead of the competition, we rely heavily on innovation. Watt & Well invests more than 30% of its turnover in R&D (PhDs, CIFRE doctoral students, engineers and lab equipment) to develop new skills and products in high added value markets (aerospace and oil & gas aside electric mobility).

Our approach has been praised; we are laureate of the ADEME i-Nov innovation challenge as part of the PIA3 program.

What is the Bidirectional Modular Power Unit French innovation?

The charger comes in a form of a red metal box of 19 x 16 x 3.5 inches (length x width x depth) dimensions.



The BMPU charger allows the electric vehicle (EV) to dynamically absorb excess energy from the network (renewable energies, for example) and then to restore it dynamically to overcome a consumption peak (daily peak from 6 p.m. to 10 p.m., for example). In addition to allowing the user to charge the vehicle, the BMPU stabilizes the electricity network, and aims at increasing the share of renewable energies in the energy mix.

This solution is now considered by all EV manufacturers and all European energy companies with whom we are in contact. Analysts expect a European market of € 200m in 2025 and € 1bn in 2030.

What's next?

Watt & Well validated the prototypes with Groupe Renault experimentation in the iconic Zoé for the "Smart Free Fossil Island" project in the Portuguese island of Porto Santo. Many European countries followed: Netherlands, Germany, France, Switzerland, and Belgium.

Watt & Well is supported by many French labels including French Fab, French Tech Paris-Saclay, BPI France, NextMove, Capenergies -and pursues its European ambition of *zero-emission future* already awarded by two Seal of Excellence label from the European Commission. The goal is to set up an intelligent electrical ecosystem, one BMPU at a time.

To learn more about la "*Grande Exposition du Fabriqué en France*" and book your free ticket to attend the event), please visit [Elysée website](#).

About Watt & Well

Watt & Well is a power electronic equipment supplier for aerospace, oilfield services, electric mobility and industrial markets. Since 2008, Watt & Well support designers of technological systems face the toughest challenges by designing, qualifying and manufacturing turnkey products, using reliable techniques in the most demanding industries (compliance). The company employs expert-engineers and many talents, all spread over France (Paris region and Aix-en-Provence region) and the USA (Houston, Texas). More to learn at www.wattandwell.com