



GWL

ANNUAL
REPORT
2019



GWL

**RUNS ROBUST GLOBAL
MARKETPLACE AT:**

www.gwl.eu

Your complete power solutions.



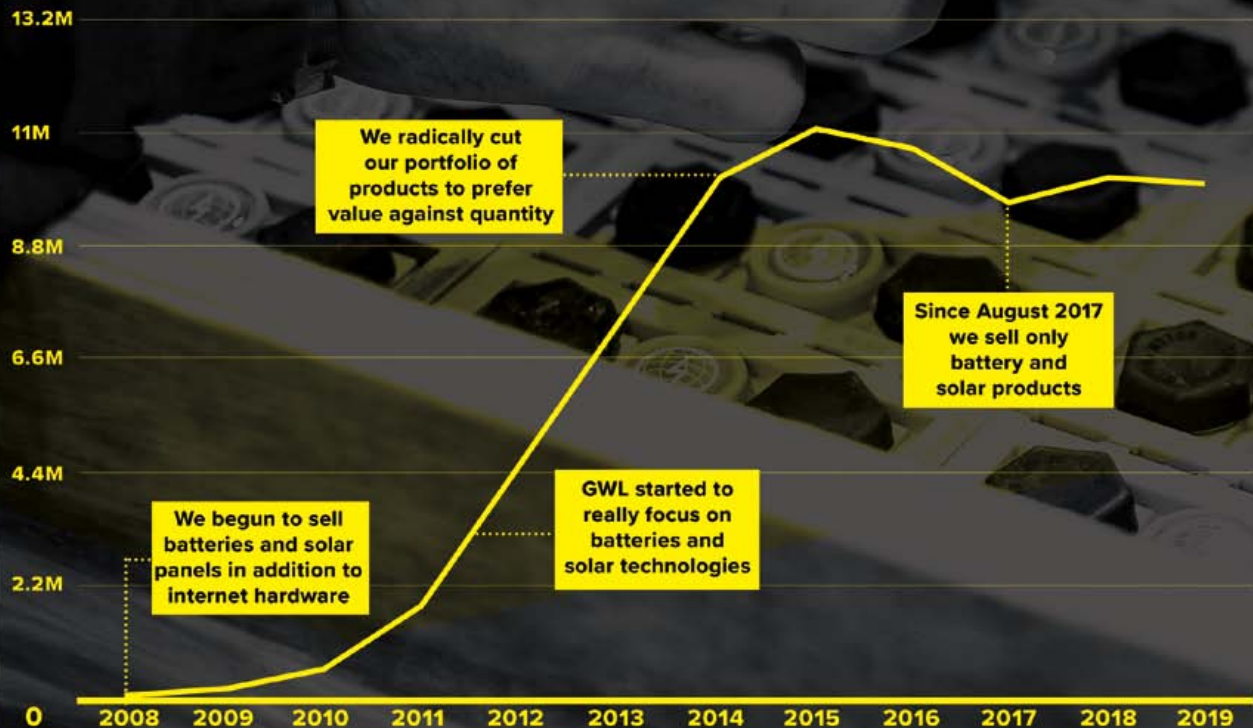
PRODUCT PORTFOLIO SPREAD 2019

Lithium batteries **75%**
Energy Components **4%**
Solar panels **6%**
Electric Bikes **9%**
Solar Regulators **3%**
Battery Management **3%**

2019

\$10.1 MILLION+ TURNOVER
2,750+ ACTIVE CUSTOMERS
10,900+ SHIPPED ORDERS

TURNOVER FROM BATTERY AND SOLAR TECHNOLOGIES (IN USD)





1.43 MILLION KILOGRAMS
of lithium batteries sold since 2008
223,600 KILOGRAMS IN 2019

GWL FLAGSHIP PRODUCTS ARE LFP (LITHIUM-PHOS- PHATE) BATTERIES

From smaller **40AH** cells to large **10,000AH** single cells. LFP technology is **SAFE** and reliable with lifetime exceeding **15 YEARS** and minimum of **8,000 CYCLES**.

Our batteries are installed in submarines, energy storage solutions, electric buses, cars, yachts, motorcycles, or bikes. We are the **OFFICIAL DISTRIBUTION PARTNER** of the world's leading LFP battery cells brand:



Thunder Sky Winston

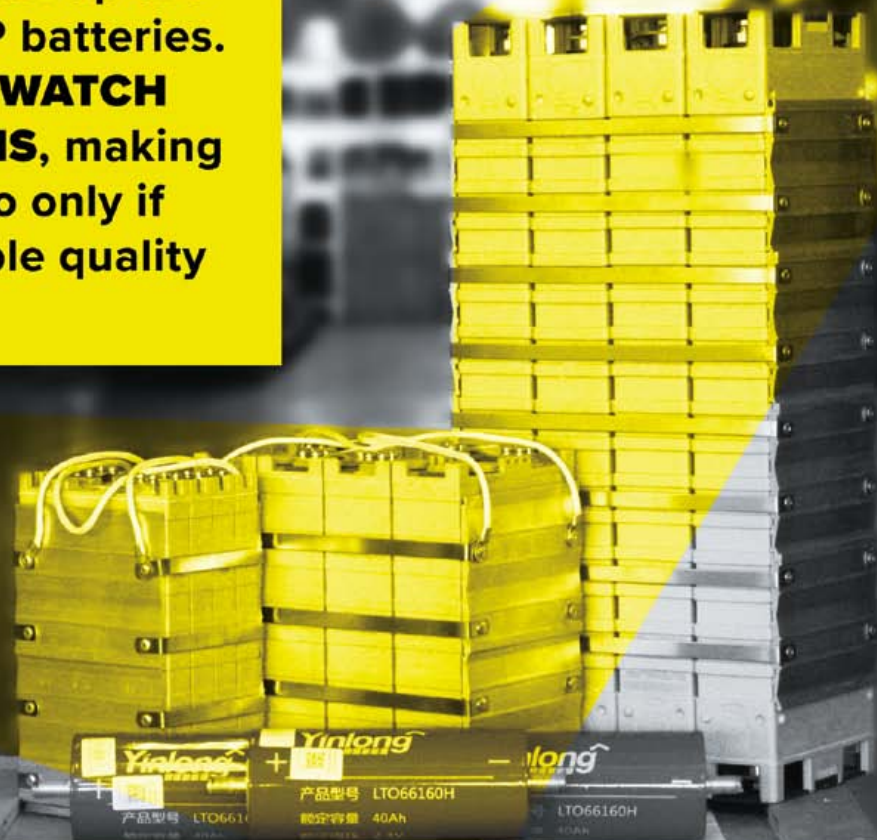


PRODUCT STRATEGY

In 2008 we helped to open up the European market for LFP batteries. Since then, we carefully **WATCH AND TEST INNOVATIONS**, making them part of our portfolio only if they reach unquestionable quality and maturity levels.

SORTIMENT UPDATE

In 2020 we will offer new generation of LFP cells with greater energy density, smaller size and weight. Our **LITHIUM-TITANATE (LTO)** portfolio will expand as well. From Graphene to Cell-To-Pack, we will keep watching it all.





SOLAR WHOLESALE

For years, we have **DIRECT RELATIONSHIPS** with solar producers. Our standard portfolio is broad, including **PERC AND HALF-CUT** technologies. We have also simplified our packaging and transportation processes to **DECREASE SOLAR PRICES** even further.

SOLAR DESIGN

Our 2020 pipeline includes **ALL-BLACK** panels, **COLORED** panels to match the roofing, greater choice of **FLEXIBLE** solar panels and more mounting options.

GRID

INVERTER

CHARGER

GWL MODULAR

Our 13 years of experience brought us to own **PRODUCT DEVELOPMENT**. In 2019 we have started to offer the new **GWL CELL PERFORMANCE MONITOR (CPM)** to ensure the best performance of LFP and LTO batteries.

Modularity, flexibility, safety and protection.

GWL/MODULAR ECOSYSTEM

In addition to our CPM, we plan to launch **GWL BATTERY COMMUNICATOR AND CONTROLLER (BCC)** module in Q2/2020 to add internet and device connectivity. There will be a **GWL ACTIVE BALANCER MODULE**, logging and display options as well as a whole custom-made modular **GWL BATTERY FLEXI PACK** in 2020.

EUROPEAN
SUSTAINABLE
ENERGY
AWARD



Category:
Young
Energy
Leaders

Social
Development
Goals
Award

SDGs
AWARDS
2018

Czech Govt.
A-CSR
OSN Centre

Energy
Innovation
Award

Energy Globe
2017



OFF-GRID PILOT

CZECH SUSTAINABLE HOUSES project wants to accelerate the transmission to renewable energy systems. **GWL** has supplied the whole **ENERGY SOLUTION** for the first pilot.

CZECH SUSTAINABLE HOUSES

It features **11KWP** of our powerful solar panels and **22 KWH** of LFP battery cells. All **BASED ON GWL/MODULAR**, all ready to be replicated.

SHARING KNOW-HOW

Our free online blog features over **1,700 BATTERY REVIEWS**, connection diagrams and deep energy insights.



ADDING VALUE

GWL YOUTUBE VLOGS feature battery tests, tips and tricks, practical instructions or DIY **MANUALS** to help our clients make the **RIGHT CHOICES**.



NEW: smaller and lighter GBS 12V Lithium...



Firefighter opinion + outtakes of Lithium battery...



How toxic are the Lithium batteries and...



Dangerous vs. Safe batteries, Explosion and fire...

A man with short dark hair, smiling, wearing a grey zip-up hoodie. He is leaning over a yellow battery pack, which appears to be a laptop or tablet with a yellow keyboard. He is wearing a black watch on his left wrist. The background is blurred, showing what looks like a workshop or factory setting.

STABLE RELIABILITY

We are confident, finetuned by **13 YEARS OF EXPERIENCE**, which gives us the freedom to have a truly unique product portfolio.

IMPROVED STOCK FLEXIBILITY

Since 2019, we have switched from one large to **TWO SMALLER WAREHOUSES** and an external stock capacity. Now, **SMALL OR LARGE** orders of LFP batteries and solar/energy accessories are ready to be dispatched **VERY QUICKLY**.

SELECTED CLIENTS

We **HELP OUR CLIENTS** to choose suitable technologies and we are also happy to help with marketing of their projects. No matter the size of the client, we try our best to be a very **USEFUL PARTNER.**



Volkswagen



passion for lawns



victron energy
BLUE POWER



KREISEL



ŠKODA



sonnen



Audi



DeMoro



Faktor



ArcelorMittal



FENIX



TIGA



“ We are committed to using our knowledge and experience to meet the growing interest and demand for renewable systems. Our development team is working tirelessly with You, the new, established, small or large company, freelancers, DIY enthusiasts. Embrace our mutual goal, to present the suitable and efficient battery, solar or energy solutions demanded by your partners and customers.”

Michal Klečka
Co-Founder of GWL

OUR TEAM

We steadily grow every year, yet we are **NOT A HUGE COMPANY**. GWL consists of 35 people, who are always **HAPPY TO HELP**. That is our alpha and omega.



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Channel:
GWL Power

FAIRS AND EXHIBITIONS

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