



Company Profile



Our History

2012

Matajiri Energy created as a separate entity to develop a 4MW Solar PV in the village of Sephai as an Independent Power Producer

2013

Regulatory issues stall small IPP's. Most IPP projects halted.

2018

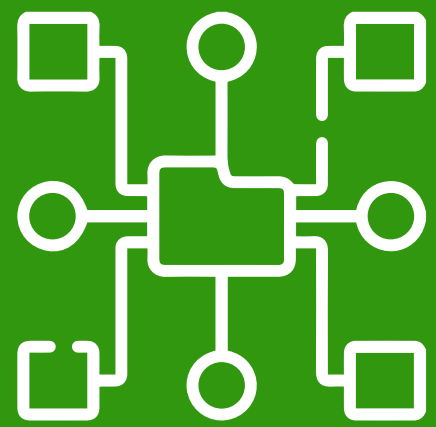
Company revived and renamed Amperion Energy

2019

Investment and co-founded a local Lithium-Ion Battery assembly plant in South Africa (www.i-g3n.com)

2019

www.sunstore.co.za established to drive residential Solar PV market



Group Structure



Amperion is 100% black woman owned and controlled



Commercial,
Industrial & Utility Scale

Project under
development



Manufacturing

20% Ownership & Control

Lithium Iron Phosphate
battery assembly

BEEE Level 2



Residential & light commercial
installations & hardware sales



Amperion Energy Overview



Commercial, Industrial & large-scale

A number of commercial and industrial projects (PPAs <1MW) in various stages of execution

Participation in a number of large-scale Solar PV through partnerships

Early-stage (green fields) project development for purposes of commercial PPA.



Residential & Light Commercial

Significant growth in a competitive environment

Over 30 projects in the last financial year alone, from 3kW

Systems to over 24 kW in size

Hardware sales through www.sunstore.co.za

Wholly-owned



Commercial, Industrial & large-scale

Completed a 2 year start-up phase and have concluded a second private equity transaction to capitalise the business for growth;

Batteries installed in over 100 sites, including four African countries

Currently growing capacity in the building of batteries of over 200kWh for commercial and Industrial markets as well as containerised solutions of 1MW and greater.

20% ownership by Amperion Energy



Directors



**Tumi
Mphahlele**

Tumi Mphahlele is Director and shareholder in Amperion Energy and oversees the overall delivery across all units, including residential, commercial and industrial. She has experience in renewable energy project development largely from the development of an IPP project in Brits and has served as a member of the board of the South African Photo Voltaic Industry Association.

Amperion Energy co-founded IG3N (Pty) Ltd, a local Lithium-Ion battery assembly plant in Fourways, Johannesburg and Tumi Mphahlele serves as shareholder representative in the business.

Tumi is also a seasoned executive highly experienced in the execution of complex projects and programmes and has served as GM for Corporate Strategy at the South African Bureau of Standards and the Development Bank of Southern Africa. She is currently serving as SANEA board member.

Tumi has an MBA from GIBS, a B.SC (Chemistry) from UCT and a Post-graduate Diploma (Marketing) from UNISA.



**Dr Lebo
Mphahlele-Ntsasa**

Dr Lebo Mphahlele-Ntsasa is Director and shareholder in Amperion Energy and oversees the end-to-end delivery of large commercial and industrial projects, including developing business cases on which projects are based.

Lebo has worked for 7 years in the petrochemical industry in Sasolburg and 4 years as a management consultant. She has over 15 years experience in Senior and Executive management in Nedbank and in the public sector.

Her qualifications include a B.Sc Chemistry degree from UCT, MBA from the University of the Witwatersrand and Doctor of Business Leadership from the University of South Africa.



Growth & Impact

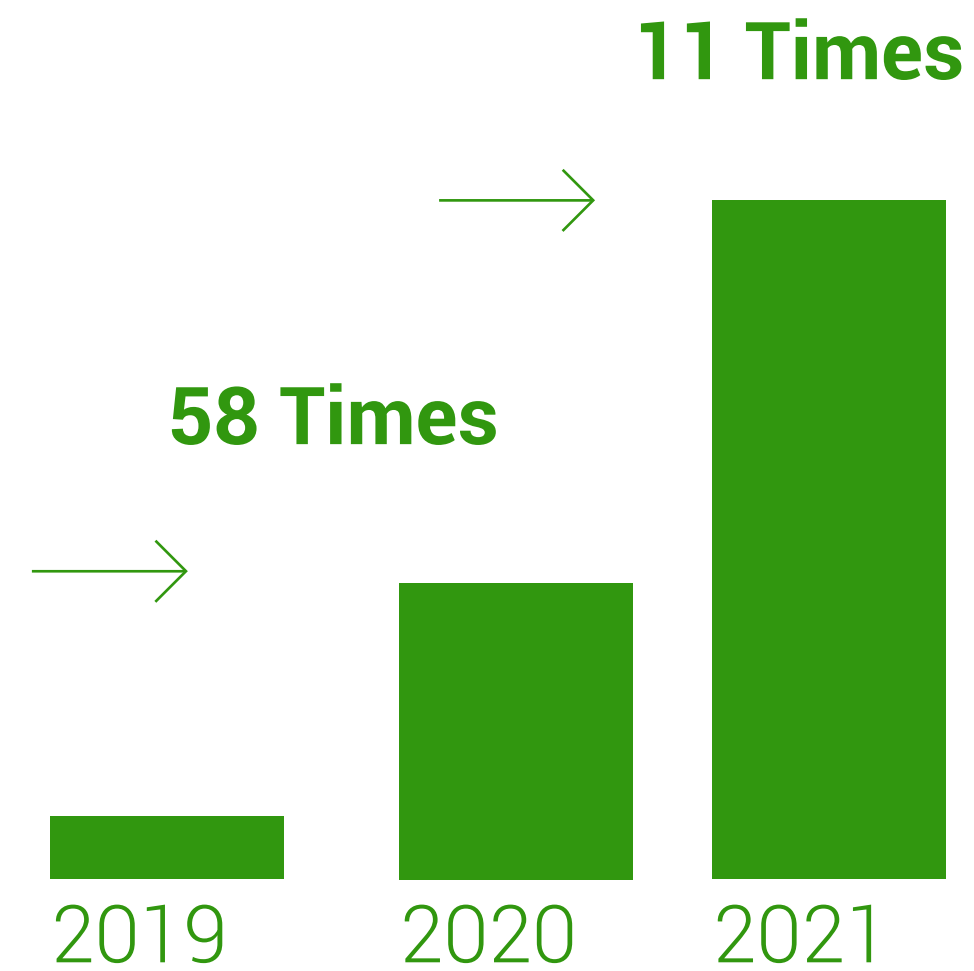
Solar PV generation per annum

324 MW 

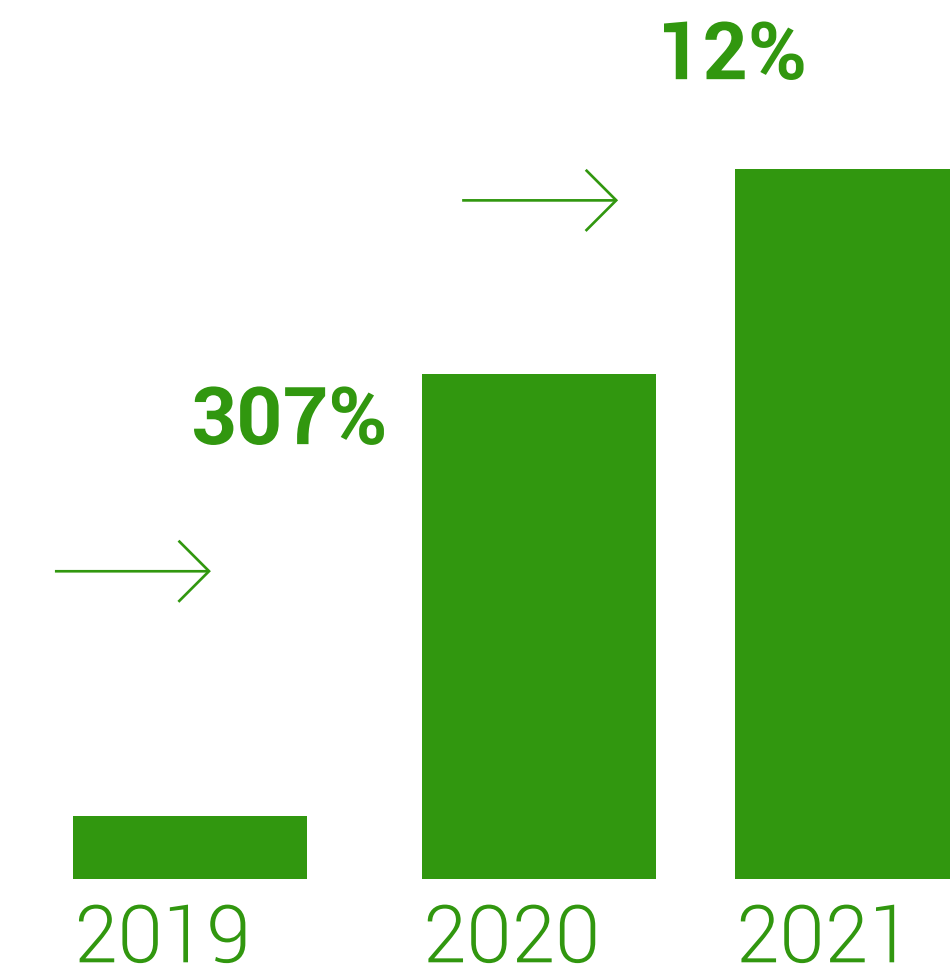
Lithium-Ion Battery installed capacity

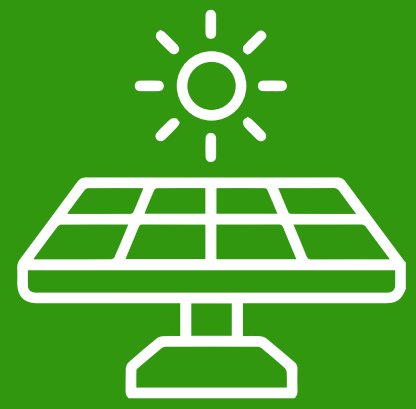
0.3 MWh 

Year-on-year Revenue Growth



Year-on-year Growth in Assets





Amperion
Energy



Fully Installed Solar PV Systems



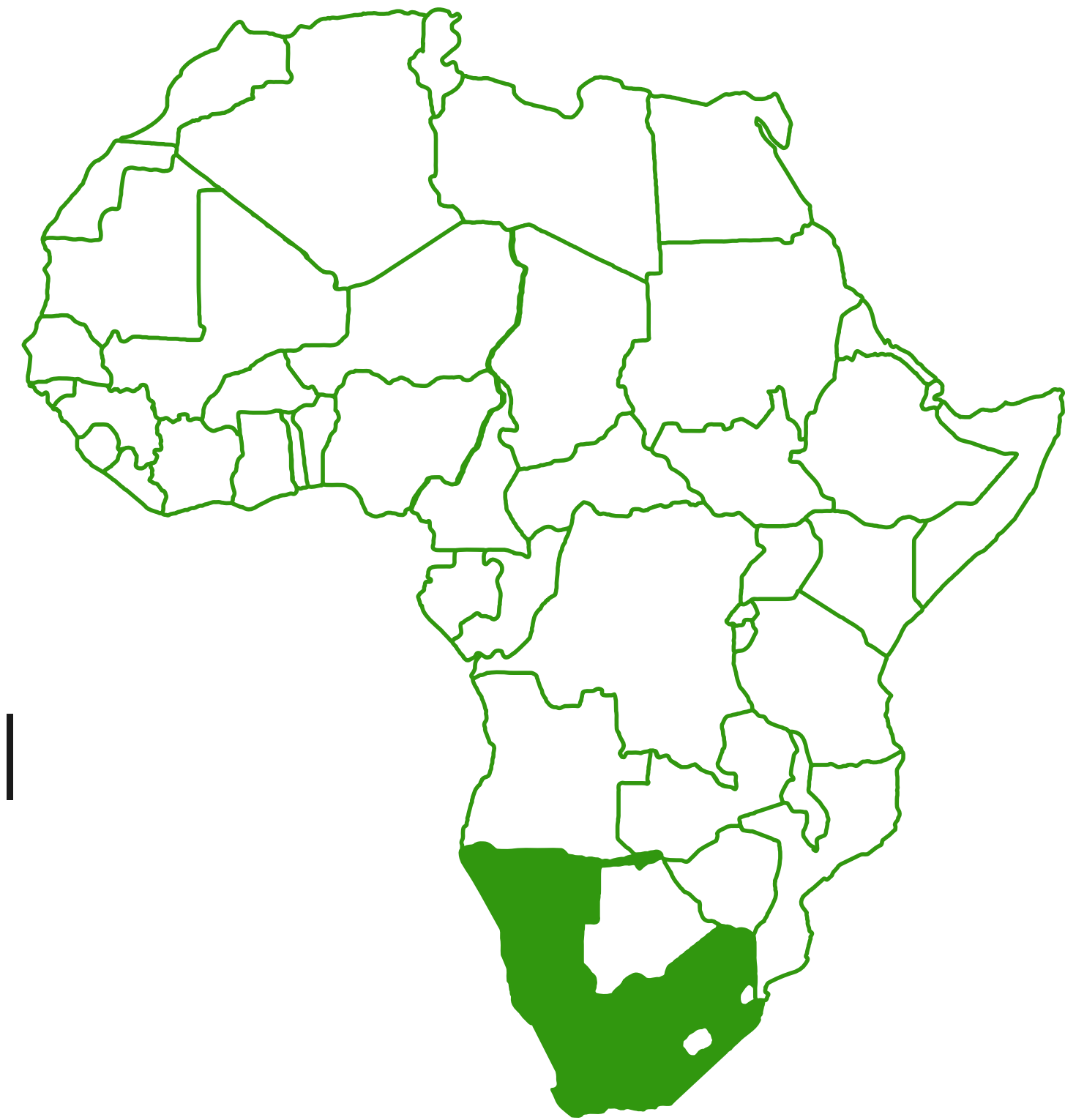


Sectors & Markets

Residential

Agriculture

Light Commercial





Track Record

Sirkel and Witkop Boerdery, Nigel, 45.6 kW, 82kWh iG3n lithium-ion battery

Kunene Drive, Waterfall Country Estate, 8.4kWp Solar PV, 14kWh i-G3n Lithium-Ion battery

Khomo Street, Pimville Soweto, 2.2kWp Solar PV, 2.8kWh i-G3n Lithium-Ion battery

Molopo Drive, Waterfall Country Estate, 5.9kWp Solar PV, 11.3Kwh i-G3n Lithium-Ion battery

Komati Drive, Waterfall Country Estate, Backup Power – 5kVA inverter and 5.6kWh battery

Wierda Park, Centurion, 6.5kWp Solar PV, 9.6kWh i-G3n Lithium-Ion battery

Three Rivers Vereeniging, 4.9kWp Solar PV, 10.8kWh i-G3n Lithium-Ion battery

New Development, Rietvlei Country Estate, 3.7kWp Solar PV, 5.6kWh i-G3n Lithium-Ion battery

Menlo Park, Pretoria, 3.7kWp Solar PV, 5.6kWh i-G3n Lithium-Ion battery

Die Wilgers, Pretoria, 4.9kWp Solar PV, 5.6kWh i-G3n Lithium-Ion battery

Mature Estate, Waterfall Country Estate power back-up system – 3kVA inverter and i-G3n Lithium-Ion battery

Mature Estate, Waterfall Country Estate, power back-up system – 3kVA inverter and i-G3n Lithium-Ion battery

Mature Estate, Waterfall Country Estate, power back-up system – 3kVA inverter and i-G3n Lithium-Ion battery

Parkhurst, Johannesburg, 4.9kWp Solar PV, 11.3kWh i-G3n Lithium-Ion battery

The Views, Steyn City, 10.4kWp Solar PV, 22kWh Gel Batteries

Boschkop, Tshwane, 3.7kWp Solar PV, 5.6kWh i-G3n Lithium-Ion battery

Mature Estate, Waterfall Country Estate power back-up system- 3kVa inverter and i-G3n Lithium-Ion battery

Pretoria North, Tshwane, 8.2kWp Solar PV, 11.3kWh i-G3n Lithium-Ion battery

Food and Agriculture Organisation, Pta 4 Portable backup Power installations of 1.8 kWh each NetCB (Pty) Ltd, additional 3.6 kWp added to the existing solar installation

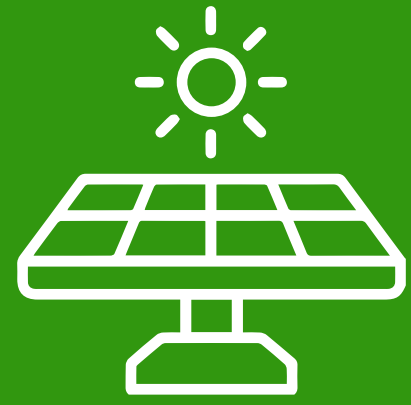
TwoHB (Pty) Ltd, 11.3 kWh power back-up system Brahma Kumaris Centre, JHB, 7.6kWp, 22kWh iG3n lithium-ion battery

Three Rivers, Vereeniging 6.6kWp Solar PV, 16.2 kWh Lithium-Ion battery

Boksburg, Johannesburg, 5.5kWp Solar PV, 10.8kWh Lithium-Ion battery

Cullinan, Gauteng, 7.6kWp Solar PV, 10.8kWh Lithium-Ion battery





Fully Installed Residential & Light Commercial Systems

Amperion Sunstore provides renewable energy solutions using Solar PV to residential, commercial and industrial customers. The systems are installed with the highest quality components, chosen for their track record, quality and robustness to enable us to provide superior service to customers.

The systems have the following key features:

Modular design that can be increased at a later stage

Most robust, locally assembled Lithium Iron batteries that come with excellent support

Product Warranties – Inverter 5 years; batteries 10 years/4000 cycles and panels 15 years

1-year guarantee on installation workmanship

System monitoring and optional maintenance/support contract for commercial customers

Our Approach

During the feasibility stage, we check the state of health of your roof (for rooftop), the viability of the space identified for solar panels and use sophisticated software to model and forecast monthly and daily solar yields.

For business clients, we provide a quotation as well as a financial model to help with the business case for your installation.

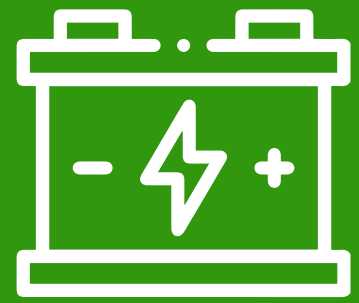
We use only the best available engineers and technicians so that your installation works from day one.

Associated Brands



Memberships



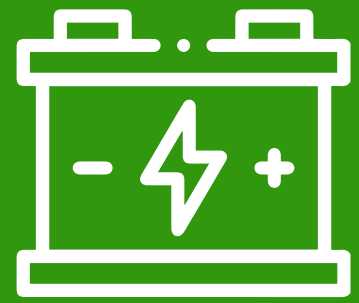


Amperion
Energy

i-G3N
INNOVATION GENERATION

Lithium-Ion Battery Assembly





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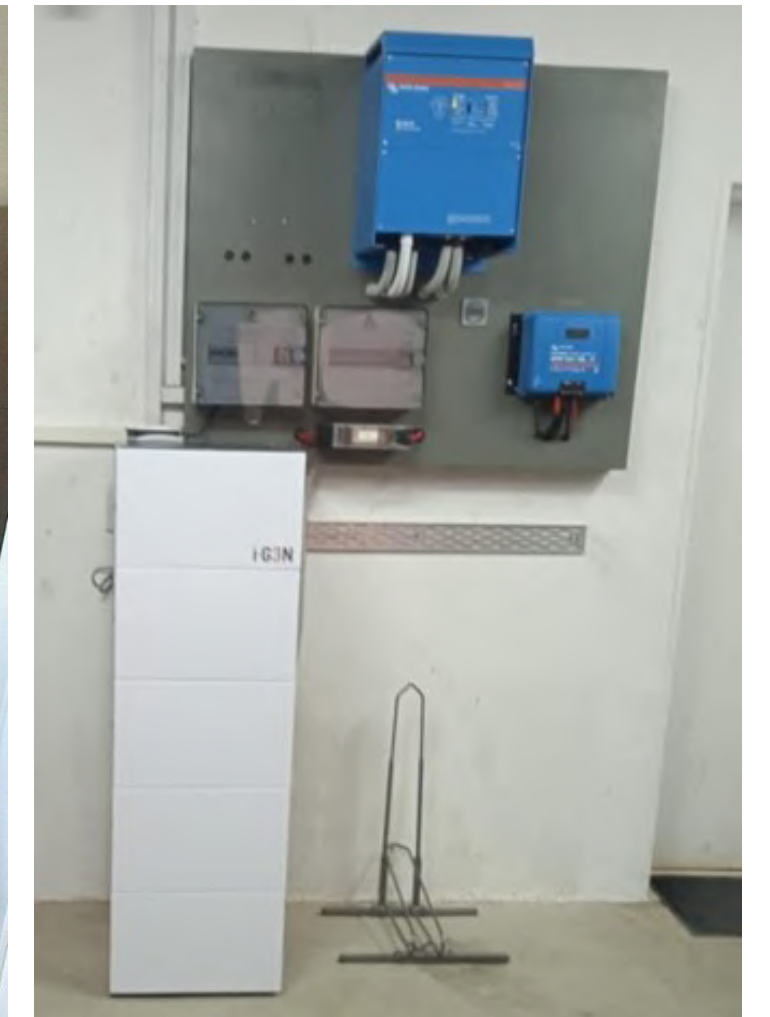
Lithium-Ion Batteries in action



e-Wall



X-Range



e-Stack