



COMPANY
INTRODUCTION

ENERGY STORAGE

FOR THE NEXT GENERATION

ENERGYCLOUD IS CHANGING THE
ENERGY STORAGE INDUSTRY

EnergyCloud, a.s.

Headquarters & Production

Studentská 50

323 00 Plzeň

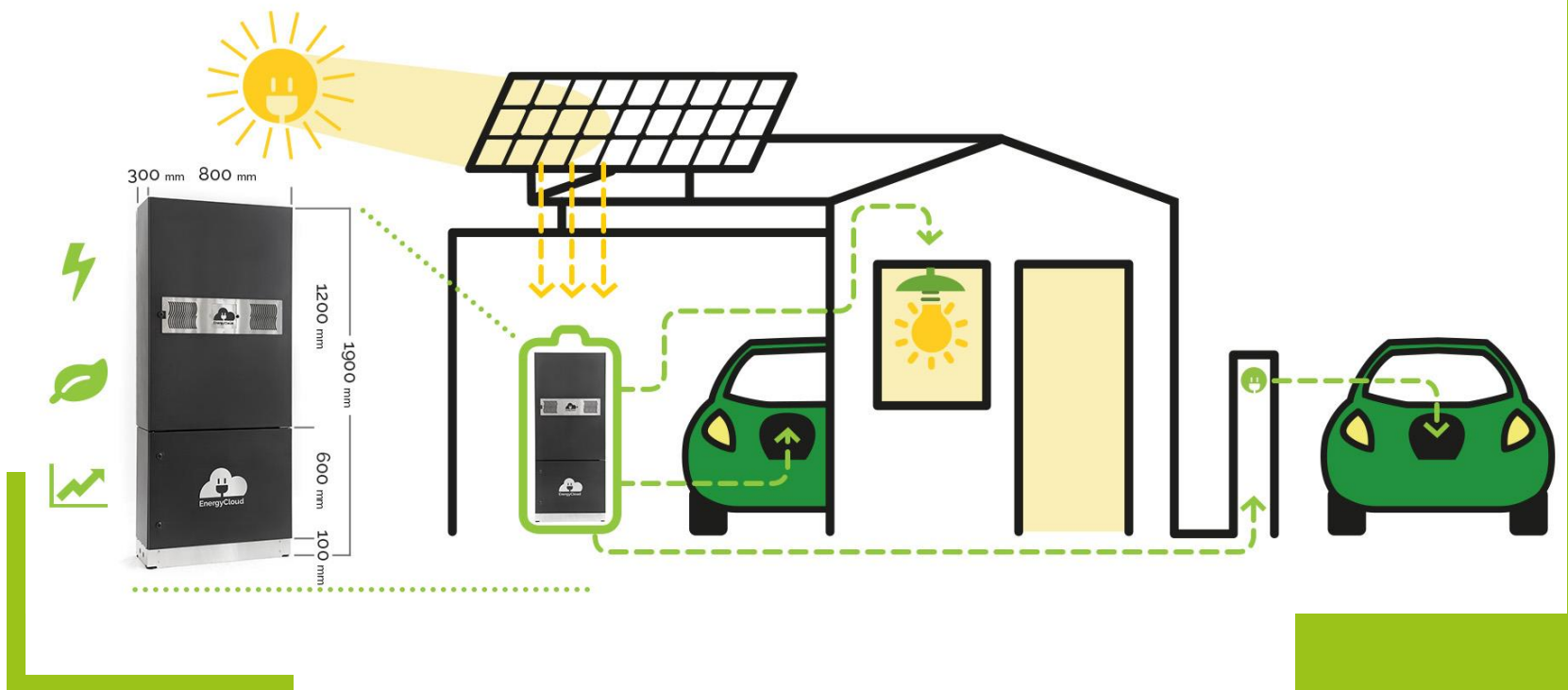
Czech Republic

www.EnergyCloud.cz

sales@EnergyCloud.cz



HOME BATTERY



HOME **BATTERY**

MPPT —

Synchronization —

Inverter —

Power supply —

Batt. control —

Cooling —

ON/OFF —

Batt. modules —

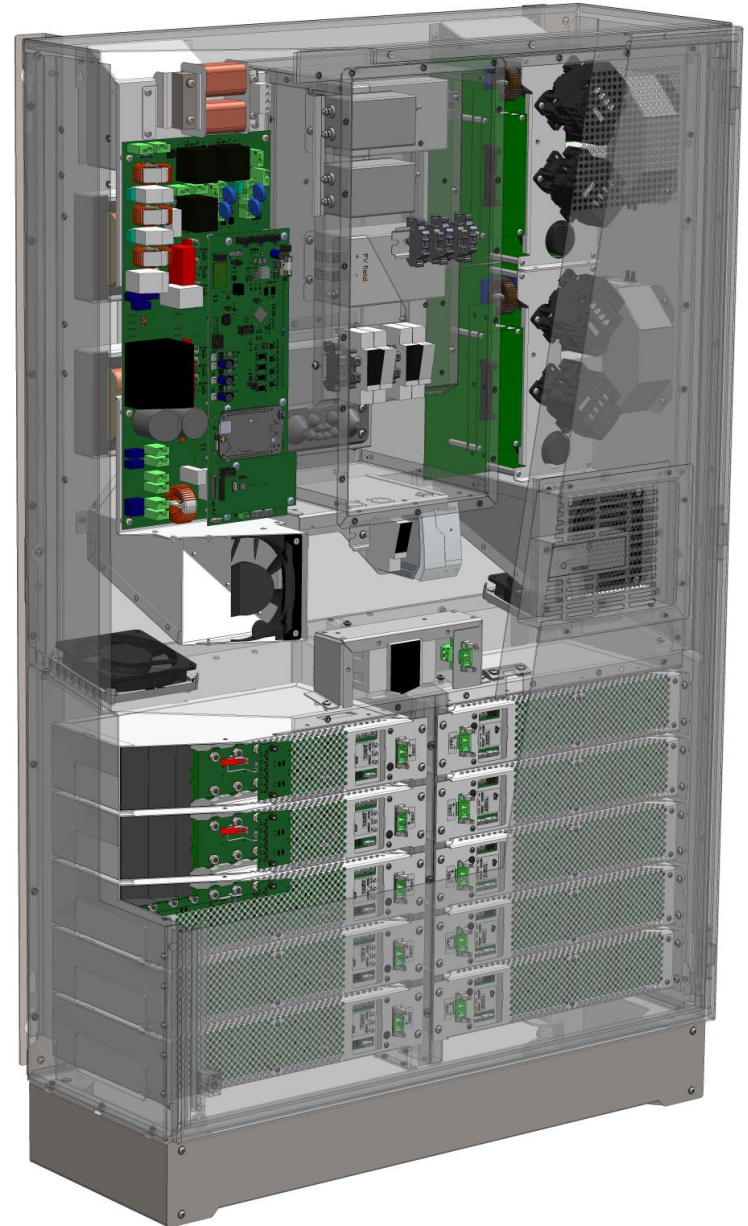


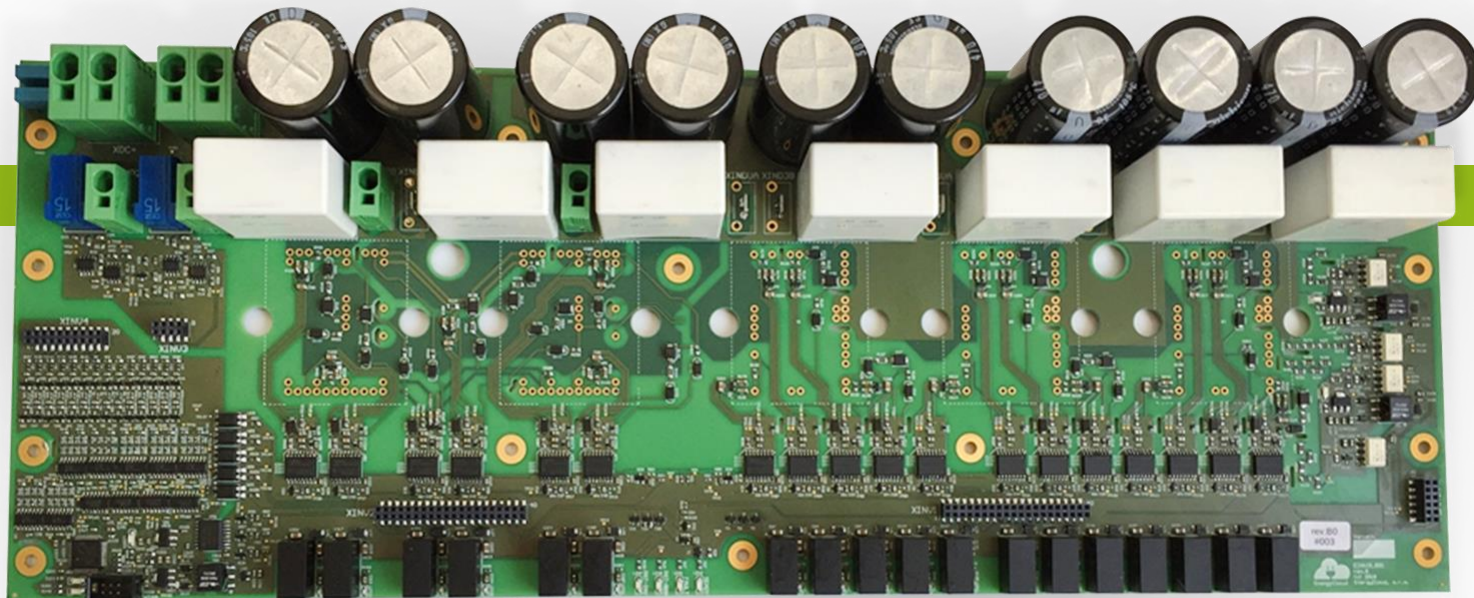
EnergyCloud

DESIGN

EnergyCloud Home
7,6 kWh

Solidworks





REAL VIEW 3-PHASE INVERTER

TARGET AUDIENCE

PRODUCT LINE

IN 5 YEARS TIME, EVERYONE
WILL BE DEPENDANT
ON BATTERIES.



EV Chargers



Home battery solution

Industry taylor made solution



FULL IN HOUSE PRODUCT DEVELOPMENT

HW SOLUTION
&
PRODUCT

HOME BATTERY
SOLUTION 7-14-21-28
KWH



OFF-GRID
MOBILE ENERGY
CONTAINER



INDUSTRY - DYNAMIC
ENERGY STORAGE
BALANCER
100KW TO 500KW



GRID
STORAGE
1 - 100MWh

ENERGY NETWORKING

GRID NODES

- Producers & consumers
- Accumulators – batteries, containers
- Main features:
 - Peak load shaving
 - Integrating of renewables
 - Grid stabilizing
 - Power outage risk reducing
 - Supporting the EV chargers
 - Lowering costs
 - Minimizing the energy losses



PRODUCT DEVELOPMENT

Team of experts
for electronics
and batteries

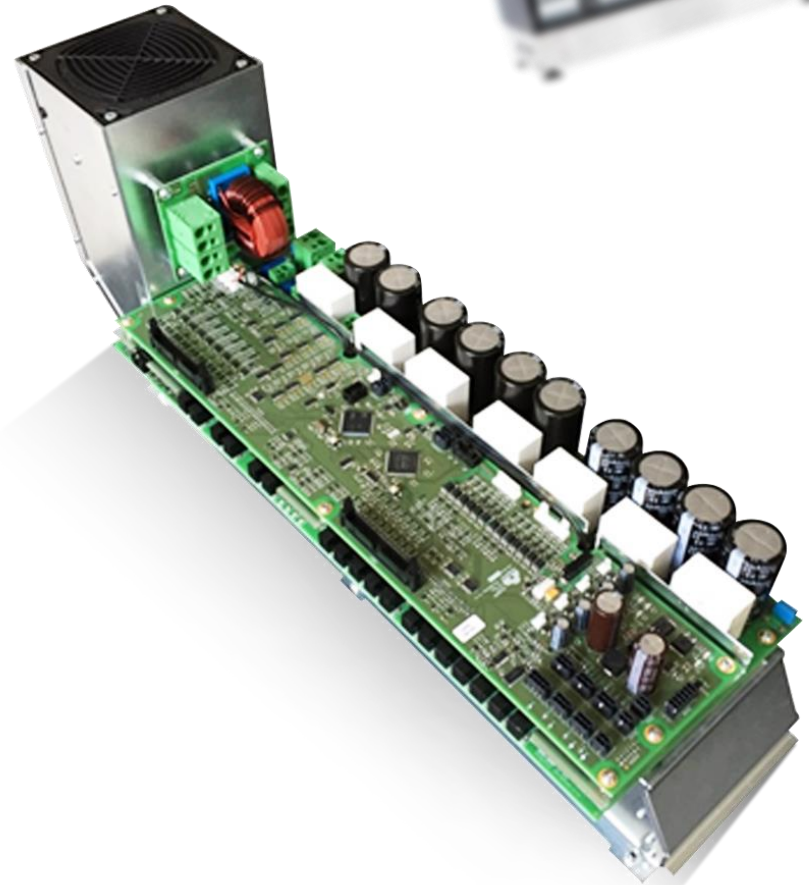
FW
developers

Developers
of monitoring
apps

Mechanical
engineers

Device
testers

System
designers



IN HOUSE DESING **ASSEMBLY**

- LOCAL FULL IN-HOUSE DESIGN AND ASSEMBLY
- EUROPEAN QUALITY-EU MADE & EU SUPPLY CHAIN
- COLLABORATION WITH INDUSTRY LEADING COMPANIES: VERTIV, FOXCON



Past Succesfull Realized project:

Skoda Automotive (VW Group) 0.6 MWh Container Battery Storage

MANUFACTURING PLAN

MASS PRODUCTION

- FOCUSING ON PRODUCTION RAMP UP & SCALING
- TRANSFORMATION OF SMALL PRODUCTION FACILITY INTO LARGE SCALE PRODUCTION



- TO ESTABLISH OWN LARGE MANUFACTURING FACILITY
- ASSEMBLY & ELECTRONICS
- PCB & BATTERY PACK BUILDS

MASSIVE SUPPORT

OF RENEWABLE SOURCES IN NEXT 10 YEARS

THE GREEN DEAL INVESTMENT PLAN

THE PLAN HAS THREE MAIN OBJECTIVES: TO INCREASE FUNDING FOR THE TRANSITION, AND MOBILIZE AT LEAST EUR 1 TRILLION TO SUPPORT SUSTAINABLE INVESTMENTS OVER THE NEXT DECADE THROUGH THE EUROPEAN UNION BUDGET AND ASSOCIATED INSTRUMENTS, IN PARTICULAR INVESTEU PROGRAMME ("INVESTEU")



THE NEXT LONG-TERM EU BUDGET WILL COVER SEVEN YEARS **FROM 2021 TO 2027** AND WILL INVEST SIGNIFICANTLY IN CLIMATE AND ENVIRONMENTAL GOALS. THE COMMISSION HAS PROPOSED THAT **25% OF THE TOTAL BUDGET SHOULD CONTRIBUTE TO CLIMATE ACTION** AND ENVIRONMENTAL SPENDING ACROSS MULTIPLE PROGRAMS IF ALL THE FUNDS ARE ADDED UP, AND PROVIDED THAT THE CLIMATE TARGET IS AT LEAST MAINTAINED AFTER 2027, THEN AN EXTRAPOLATION **FROM SEVEN TO TEN YEARS WILL PROVIDE EUR 503 BILLION** FROM THE EU BUDGET FOR THE GREEN AGREEMENT INVESTMENT PLAN FOR EUROPE.

This will lead to further national co-financing of climate and environmental projects of around **€ 114 BILLION** over this frame.



BASIC CUSTOMER GROUPS

BUSINESS MODEL

- Households
 - SME's
 - Corporates
 - Collectivities created from HH and SME's
 - B2C Distributors in different countries
-

Business model EU

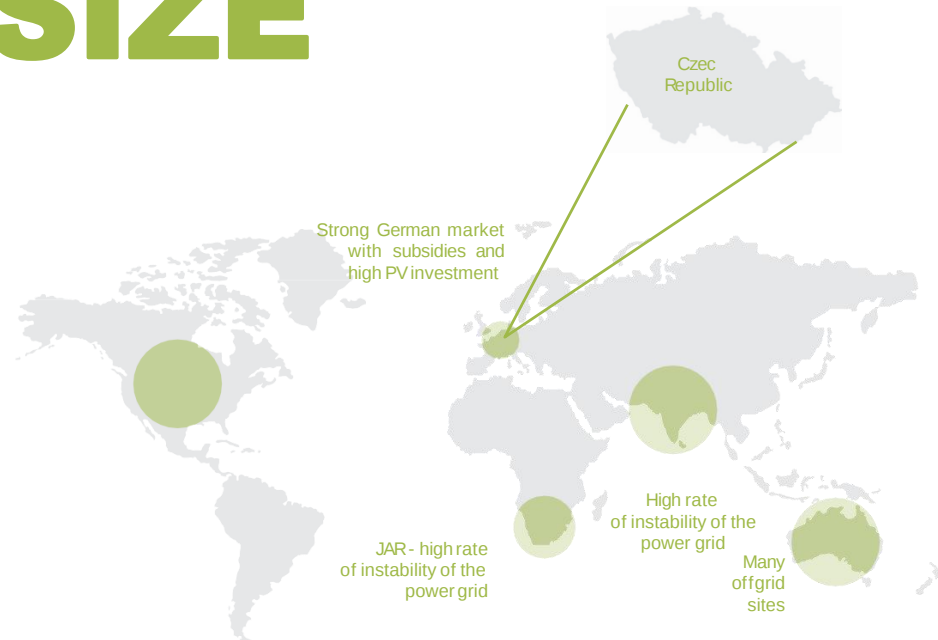
Customer personas	Revenue	Market Potential No. Of customers	Monetisation model
Households HW	B2C	70 000 000	EUR 9 000 per instalation
Collectivities VPP	B2C	30 000	EUR 100 monthly flat fee
SME's HW	B2B	200 000	EUR 20 000 per instalation
Industry HW	B2B	10 000	EUR 400 000 per instalation
B2B partners	B2C	27	Individual

Concrete example

- in NL there is about 500 000 households with photovoltaic installation without battery storage, from 2023 distributors will not buy electricity back

ENERGY STORAGE MARKET **MARKET SIZE**

IN THE WORLD IS GROWING.
IN THIS DECADE, THE BATTERY
MARKET WILL INCREASE
GLOBALLY BY **400%**.



Total adressable market

120 bn EUR

Servicable market total

50 bn EUR

OUR market share

500 mio EUR

SMART ASSISTANT INTEGRATION

ALEXA

- IMPROVING ON WAYS CUSTOMERS INTERACT WITH OUR HOME BATTERIES
- EXPANDING ON STATUS REPORTING OPTIONS
- EASIER REMOTE CONTROL OVER YOUR ENERGY STORAGE

