

VT Battery

ONE COMPANY - INFINITE POSSIBILITES

DYNAMISM

PROGRESS

STABILITY

Battery assembly

MILESTONES

 first phase of battery production at Kaposvár



1997-2002



2008

- re-start of battery production with a site acquisition at Marcali
- SOP of Li-ion batteries

- electronic tools
- automotive market entry (Ni-Mh) ISO16949
- medical market entry



2010



2012

- expanded automotive business share
- e-call battery assembly
- beginning of VTBH cooperation



2015



2018

- own designed assembly lines
- production automation



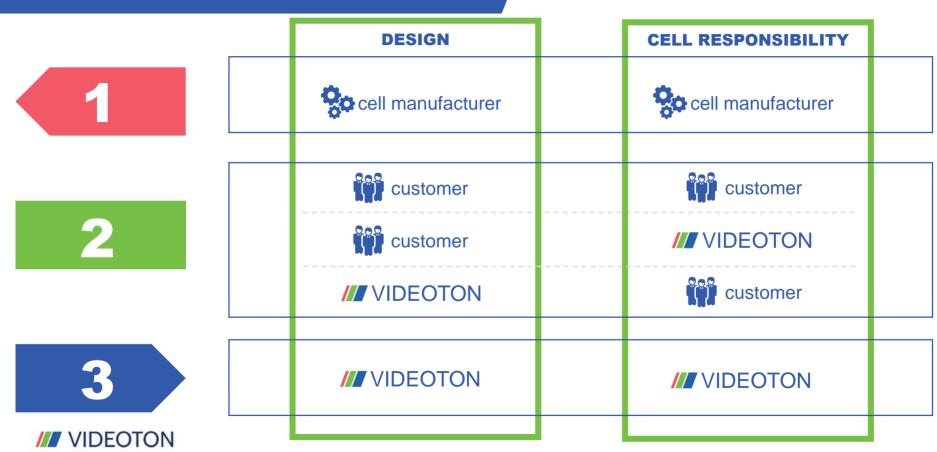
from 2020

- · Li-ion e-bike packs
- first self-designed battery pack concept
- stick vacuum cleaner Li-ion batteries

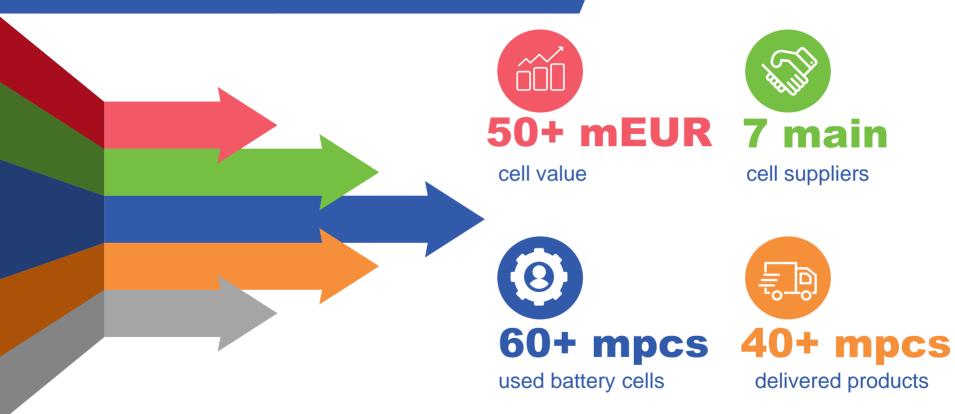
- new customer and market segment in our portfolio
- a member of the European Battery Alliance



TYPICAL BUSINESS MODEL



BATTERY BUSINESS HIGHLIGHTS





PRODUCTION COMPETENCE

PURCHASED

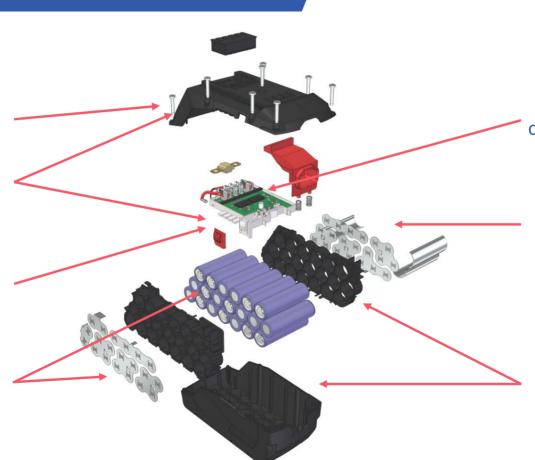
raw material (resin)

insulation, contacts, screws, damping materials...

electrical components (resistor; fuse...) & raw material

cell, contact





VIDEOTON

PCB production in corporation with Videoton Electronic Assembly Services Ltd.

assembly of battery pack

assembly testing marking packaging

production of plastic parts

PORTFOLIO

FROM UNIQUE CELL TO COMPLETE BATTERY PACKS

As for chemistry

- Li-ion rechargeable batteries
- Ni-MH rechargeable batteries
- Li-metal batteries



Li-ion rechargeable batteries



Ni-MH rechargeable batteries



Li-metal batteries





PORTFOLIO

FROM UNIQUE CELL TO COMPLETE BATTERY PACKS

Battery pack according to its cell number

Forms

- cylindrical
- prismatic
- button





Consumer use



Power tools and gardening



Automotive industry



E-bike



Industrial usage



Health care



Entertainment and telecommunication





- cell welding
- soldering
- potting
- assembling

- screwing
- wire machining
- tampo printing
- ultrasonic welding

- charging
- laser marking
- testing
- wrapping



CONSUMER SPECIFIC PRODUCTION



Design and construction of means of production

- unique production cells
- traditional manual assembly lines
- automated assembly lines



Production area design for customer needs

- separate customers
- team dedicated to production
- establishing clean room
- industry 4.0 solutions



ESD protection, air control system

- ESD floor, human earthing
- humidity control
- central ventilation system
- zonal division



Logistics, storage

- unique barcode identification
- supermarket system
- air-conditioned warehouse for Li-ion products
- planned smart solutions



MARKET EXPOSURE







THANK YOU FOR YOUR KIND ATTENTION!



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