



Power technology
for electrical vehicle fast chargers
Manufactured in Moldova – Straseni

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Power Research Electronics – Quick facts Power Developers

- Founded 1984, 50 people, 30 engineers, active in Moldova since 2014
- 30 years of experience in Power Electronics
- Products for EV chargers since 2009



Charging solutions

- **Fast charging (EVC products)** **12.5kW AC//DC**
- **Home/office DC charging (V2G prod)** **10kW AC//DC bidirectional**
- **Charger parks (EVDC)** **25kW DC//DC**

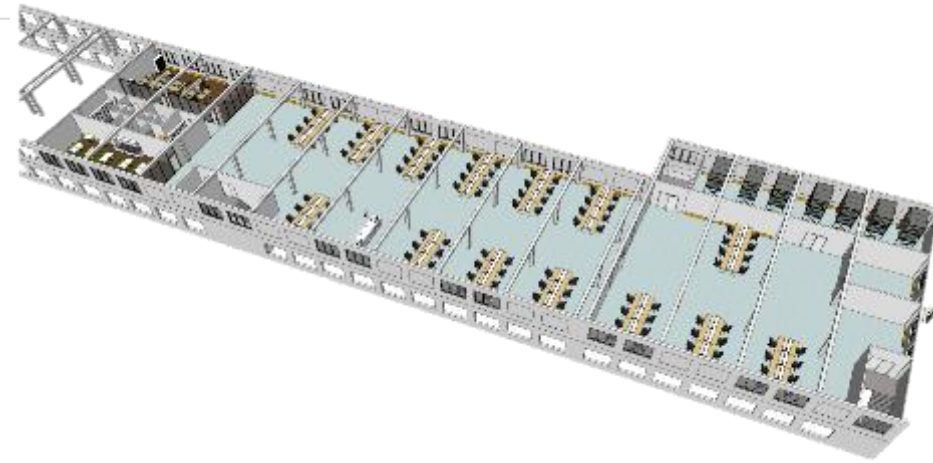


Charge from DC network (trolley, tram)
150kW (700km per hour)



Status today in Moldova

- Location: Strășeni City, FEZ Bălți
- Renovated area, 1500 m²
→ make suitable to manufacture electronics
- Management: 5 people, IPC trained
- Workers: 22 people
- Production line, testing phase
- ISO 9001:2015

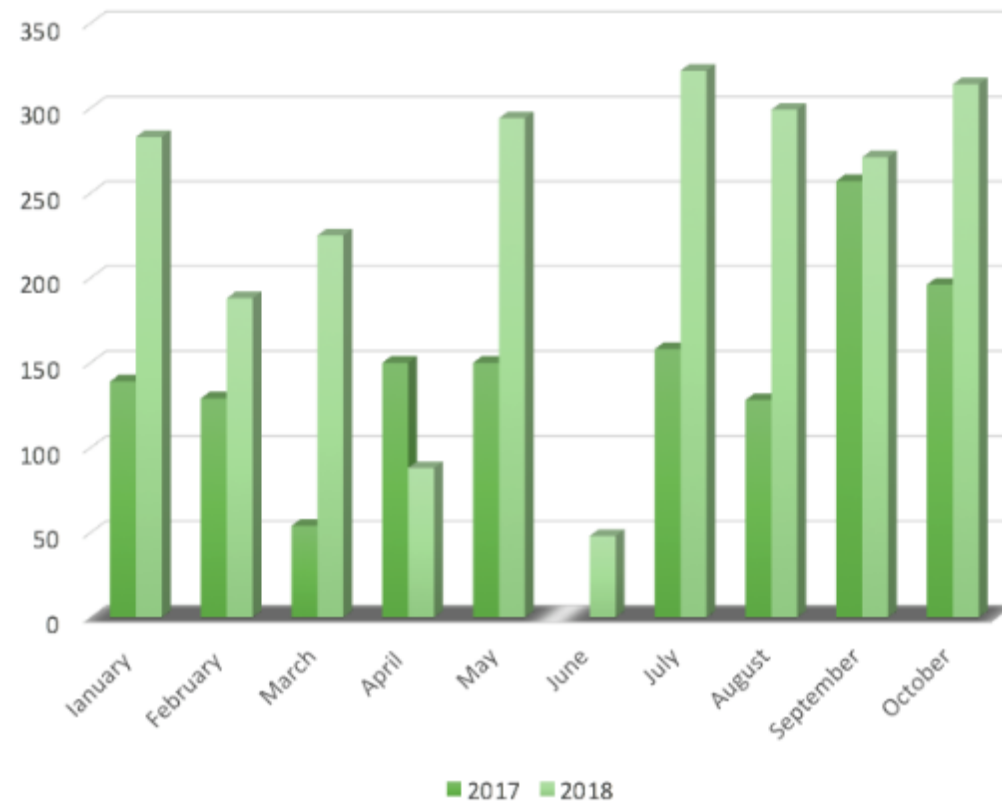


Production

- Exports to countries in Europe, including Switzerland
- EUR1 certificates for products made in Moldova



Fast charging products



Production diversification

Electronics for explosion hazardous places



LED driver for outdoor large area lighting



Challenges

- Limited local suppliers for electronic components → source parts from Romania, Europe, Asia
- FEZ custom procedure → can take too long for import/export procedures
- FEZ procedures → invest in custom module in 1C bookkeeping software
- FEZ, customs, bookkeeping - complex procedures
- Advance payments for local purchases up to 100%

Why are we in Moldova?

- Geographic location just outside EU - close to train people, close for quality control/issues
- Full control over our own factory → high production quality
- Easy to do moment modifications / very flexible with your team near EU
- Free economic zone with tax and custom advantages
- Availability of skilled work force (engineers/administrative), good English speaking people
- Mutual shipments from The Netherlands to Moldova, short transport lead time
- Access to CIS marked
- Culturally close to The Netherlands, Europe, good communication

Summary

- Successfully set-up up a factory in Free Economic Zone Balti, subzone Straseni
 - Manufacturing of high-tech power electronic components in Moldova
 - Tax and duty incentives in Free Economic Zone
 - Supplying to the whole of Europe
- Happy to advise / share experience with new investors in the Republic of Moldova

Thank you for your attention