Disruptive, efficient and sustainable energy solutions

Smart multipurpose back up power solutions – case LuxTurrim5G and beyond

CEO Pentti Bruun
Agenda
Short introduction of L7 Drive
L7 Drive technology
L7 Drive solution for LuxTurrim5G
Other use cases
Short introduction of L7 Drive
Everything we do we believe in challenging the status quo of battery solutions. We believe in thinking differently.

**Our Vision**
Power a greener tomorrow with sustainable technology

**Our Mission**
Our passion is to provide game changing technology solutions ensuring customers’ success in sustainable growth.
L7 Drive technology
Problem to solve

Reliability
• Lithium battery solutions struggle to redeem expectations of reliability and life

Costs
• Weak and expensive battery solution are holding back many key technologies enabling a more sustainable future

Real time connectivity
• To release full potential of battery-based applications and energy solution the batteries need seamless connectivity and control
Core Innovation + Complementary Technologies

- Always in balance -> higher cycle life
- No BMS, complex battery pack sensing
- Enables simple capacity increase and/or swapping
- Bi-directional, variable charging sources
- In Light Electric Vehicle use, capable on constant power throughout the speed range
- High efficiency at full power range
- Low system cost - All in one solution

Electric vehicle/energy storage battery pack monitoring

Data collection, storage and diagnostics

Energy consumption control and monitoring, Vehicle parameter setting and information
L7 Drive – The Smartest Way to Use Batteries

- Lower cost
- Better lifetime of the battery pack
- More robust options for charging
- Real time connections
- Easy to use (UI, Cloud)
- High security
- All relevant data available

Intelligent self-balancing battery technology with no latency
L7 Drive solution for LuxTurrim5G
This video shows what L7 Drive has already done for Nokia/Nokia-lead LuxTurrím5G

L7Drive Virtual Power Plant
Other use cases
**L7 Drive products, pilots**

**Same platform for LEV, Industrial, Energy, Telecom**

<table>
<thead>
<tr>
<th>Power</th>
<th>Description</th>
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<tbody>
<tr>
<td>250 W</td>
<td>C250 LEV (bicycles, kick scooters), Industrial Equipment, Energy backup</td>
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<tr>
<td>600 W</td>
<td>G600 Energy, Telecom (5G-small &amp; nanocell base station, energy backup)</td>
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<tr>
<td>2000 W</td>
<td>D1 LEV (Model S1 for scooters, R1 for e-rickshaws), Energy (battery powered motorhomes)</td>
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<tr>
<td>10 kW</td>
<td>TBD Multiplied solution, power ratings 250 W - 8 kW (15 kW)</td>
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Target market and opportunity

- 80 million 4G macrostations
- 800 million 5G nanostations by 2030

Up to 70% of total vehicle cost is the powertrain

- Especially for EV’s
- Other vehicles and machinery