



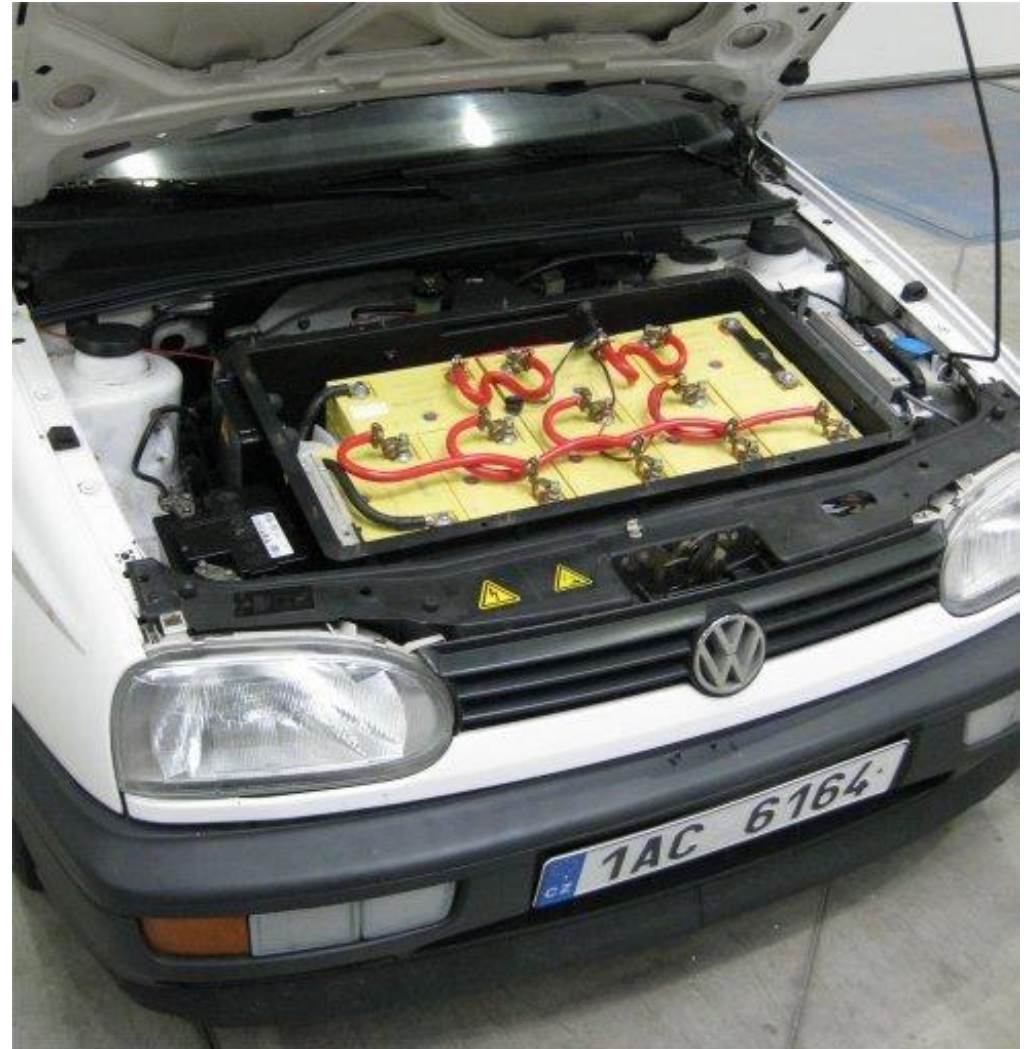
Battery backup and battery storage for Telcos (not only for Mikrotik)

Let us change the
battery storage
industry together!



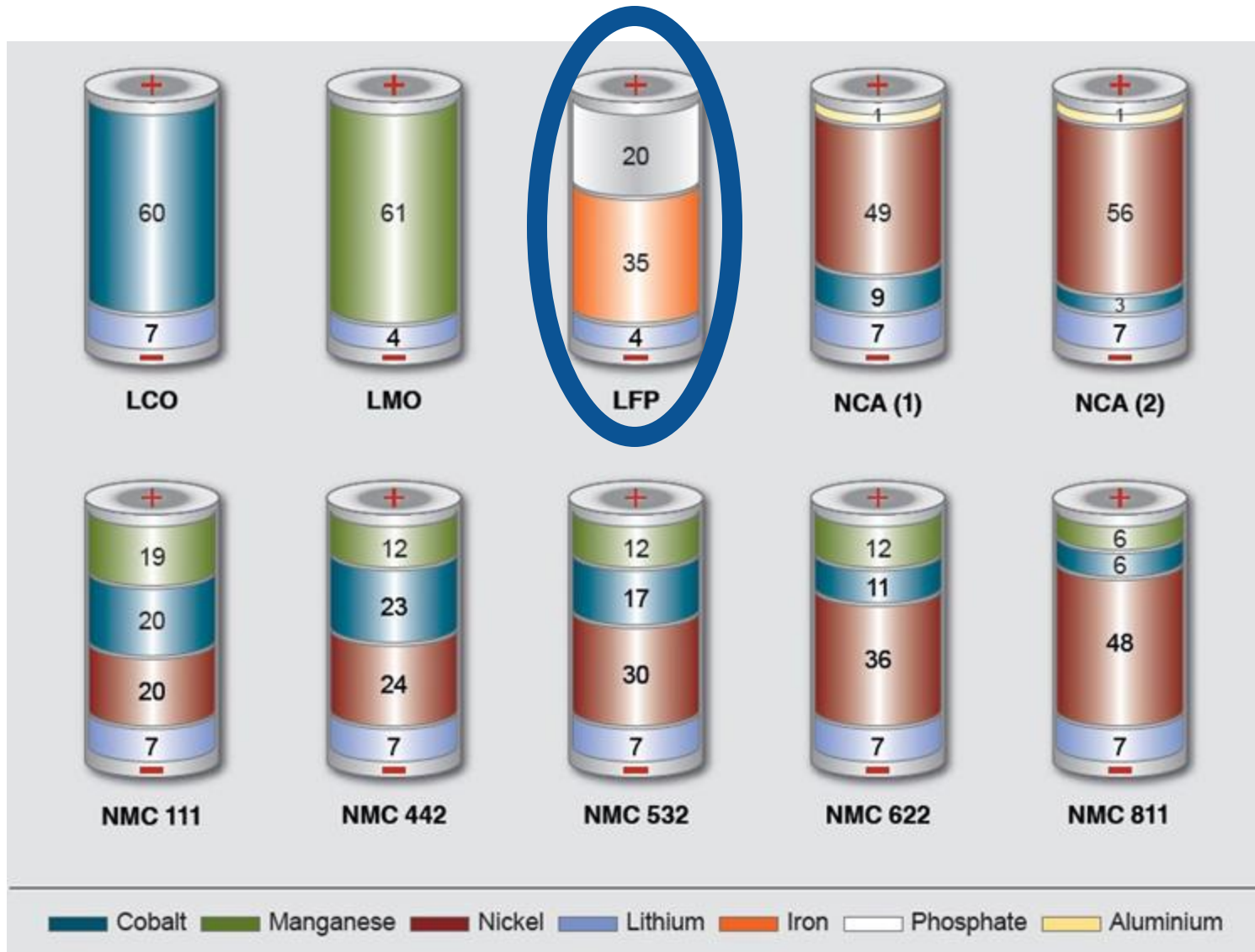
15 × Thunder-Sky 40Ah

10.9.2009



14.9.2009

The most common types of battery cells





+





**The Young Outstanding Person Award
from the Emperor of Japan
at the Tokyo Imperial Palace (皇居)**

Battery storage = black-boxes



Technological and strategic risks



WHY: Our mission is to increase energy security around the world

HOW: By developing repairable and long-lasting energy products

WHAT: Modular energy storages from 50 kWh to 1MWh
containers



Czech manufacturer of European modular battery storage systems from 10 kWh to 1MWh containers



**1) SCALABLE AMVOLT 50 KWH LV
MODULES FOR INTERIORS**

Use cases: Production facilities, datacenters, agriculture, apartment buildings, etc.



**2) SCALABLE AMVOLT 50 KWH LV
MODULES IN CONTAINERS**

Use cases: Wherever there is not enough space inside a facility, no matter the weather



**3) CUSTOM-MADE REPLICABLE
BATTERY STORAGES**

Use cases: We develop tailor-made, special-use battery solutions for our clients









AMVOLT
BATTERY
PACK



AMVOLT

SCANIA

tmstav spol. s r.o.

TM STAV, spol. s r.o.
Jasenice 729, Vsetín
IČ: 483 99 477
www.tmstav.cz

**200kW/200kWh
MODULAR CONTAINER
BATTERY STORAGE
(BESS)**



ECCOROX
UNIONBOX



LV ENERGY BOXES

Use cases: residential living, small businesses





What is the difference?



Black-box vs. open-box

TECHNICAL PHILOSOPHY



vs.



MAINSTREAM BLACK-BOX BATTERY STORAGE MARKET

- 95 percent of complete battery storages from Asia, mainly China
- individual cells cannot be replaced
- BMS cannot be replaced/repared
- standardised components are not used, spare parts cannot be found
- Mostly high voltage, so by principle they are very difficult to disassemble
- in combination with black-box inverters risk of data flow to Asian countries

AMVOLT BATTERY STORAGE SOLUTIONS

- European solutions, apart from the cells themselves
- individual cells are replaceable
- BMS can be replaced/repared
- standardised components, spare parts widely available, fully repairable solutions
- Low-voltage solutions are safer, easily disassembled, therefore really recyclable
- no data over-flow to other countries, full control



Safer battery storage?

Let us cooperate!



www.amvolt.energy

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