

## EKOVA ELECTRIC BUSES

- 12m long buses
- Ability to run 24 hours per day, 7 days a week
- Ultrafast charging. 300 seconds of charging for one hour of operation (including heating/cooling of the electrical bus), which reduces the bus fleet compared to normal fast charged buses.

### DUTY 12M BUSES:

- In duty from 2018, 365 days per year
- 13 cycles per day in average
- DoD in average range 30-50%
- Average cell temperature 30°C
- Charging rates: Opportunity charging 450kW (360A per string), night charging 15kW

### BATTERY CONFIGURATION:

- Two battery strings, each has 28 Altairnano 24V 70AH battery modules
- Total battery system capacity: 84 kWh
- HVAC cooling system

### BATTERY STATE AFTER 1 YEAR OF OPERATION:

- Average bus mileage is: 64,000 km
- Average battery cycle age is: 5,000 cycles
- Actual capacity fade: 0,1%

