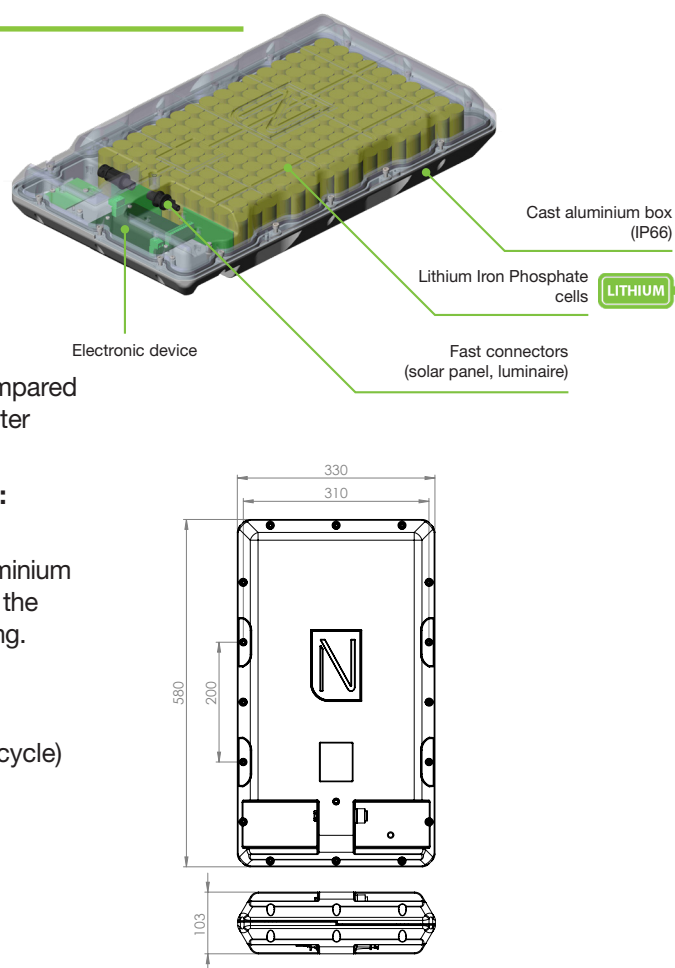


DATA SHEET OF BATTERY NOVBOX WITH TECHNOLOGY ENDURANCE +

KEY STRENGTHS

- **The longest lifespan on the market :** > 20 years (8 000 cycles at 30% DoD at 25°C; i.e. 8 000 nights, > 20 years).
- **Fully functional at extreme temperatures :** -20 °C to +65 °C.
- **Maximum energy efficiency :**
Advantage: Reduction of the required nominal capacity compared to other types of technology (NiMh and Lead) thanks to better usage rate and yield.
- **Lighter and less bulky compared to other technologies :**
3 times less than lead, 1.5 times less than Nimh.
- **More environmentally friendly :** The components used (aluminium for the envelope separator, Lithium, Iron and Phosphate) limit the environmental impact during production and facilitate recycling.
- **Less primary resources are used thanks to :**
 - its energy efficiency and therefore its reduced size
 - its long service life (fewer batteries to manufacture and recycle)



TECHNICAL CHARACTERISTICS OF BATTERIES

ELECTRICAL CHARACTERISTICS	Total energy capacity (Wh)	214	218	345	428 (2*214)	436 (2*218)	532	557	642 (3*214)	654 (3*218)	690 (2*345)	696	772	819	856 (4*214)	872 (4*218)	1064 (2*532)	1114 (2*557)	1392 (2*696)	1544 (2*772)	1638 (2*819)
	Service life	> 8 000 cycles at 1C 30 % DOD at 25 °C																			
	Monthly self-discharge	< 3 % at 25 °C																			
	Load efficiency	100 % at 0,5 C																			
	Efficiency in discharge	98 % at 1C																			
	Rate of use	90 %																			
	Operating temperature	-20 °C to +65 °C																			
	Materials	Cast aluminium																			
MECHANICAL CHARACTERISTICS	Weight (kg)	8.1	8.1	9.3	10.0	10.0	10.8	11.0	11.9	11.9	12.4	12.3	12.9	13.3	13.8	13.8	15.4	15.8	18.4	19.6	20.4
	IP index	IP 66																			
	Cabling	Pre-cabled with fast and waterproof connectors																			
NORMS	Applicables norms	UN 38.3 Transport of dangerous goods / test protocol according to NFC 58-510 / CEM / EN 55015 / EN 55015 / EN 61000 (see declaration of conformity in certifications)																			