

WETAC

**ENDLESS
ENERGY**

REVO 3.0 TPX600: The New Standard in UPS Energy Storage



INTRODUCTION

Technology in the world of emergency power supply is advancing at lightning speed. The latest innovation in our product range is the REVO 3.0 TPX600. An innovative modular battery system that uses lithium battery technology and is specifically designed for UPS systems in:

- ✓ Data centers
- ✓ Financial institutions
- ✓ Telecom
- ✓ Rail applications

Compact, Powerful, and Modular

With 5 times higher energy density compared to traditional lead-acid batteries, the REVO 3.0 TPX600 delivers impressive capacity in a fraction of the space. This makes the system ideal for organizations facing space constraints or those aiming to maximize energy storage within the same footprint.

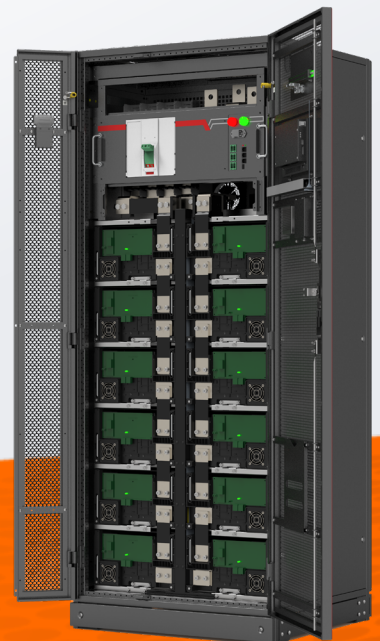
More Than Just Backup

In addition to providing reliable emergency power, this system also enables:

- **Peak shaving:** absorbing peaks in power demand
- **Trading on the imbalance market:** monetizing surplus capacity
- **Renewable energy storage:** maximizing the use of green energy

15 Years of Reliability

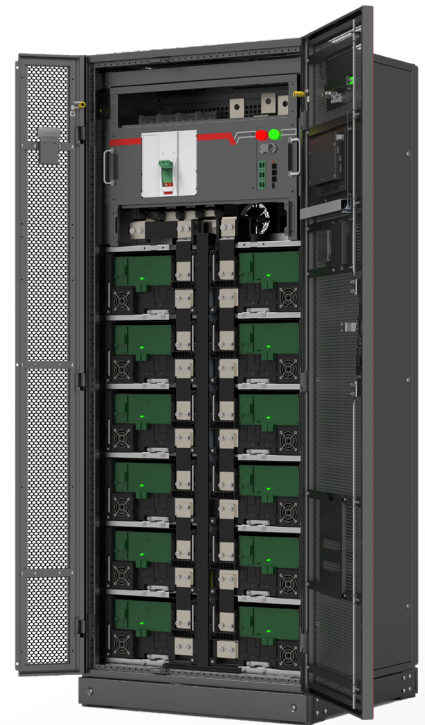
Unlike traditional lead-acid batteries that typically last 7 to 8 years, the REVO 3.0 has an expected **lifespan of up to 15 years**. This significantly lowers the **Total Cost of Ownership (TCO)**, despite a higher initial investment.



Lead-Acid vs. REVO 3.0 TPX600

| Feature | AGM Lead-Acid Battery | REVO LFP System |
|-----------------------------|---|--|
| Energy density | Low: requires more space | High: 5x more kWh in the same space |
| Cycles (at 80% DoD) | 300–800 cycles | 4,000–10,000 cycles (depending on chemistry and use) |
| Lifespan | 7–8 years | 15 years |
| Usable capacity (DoD) | Max 50–60% recommended | Up to 90–100% usable |
| Cell monitoring & balancing | No individual monitoring | Includes cell monitoring and balancing |
| Safety & protection | Depends on charge and environmental factors | Integrated protection systems |
| Monitoring & control | None or basic status only | Real-time remote data (Modbus, etc.) |
| Charge/discharge efficiency | 70–85% | >95% |
| Maintenance | Required | Maintenance-free |
| Operating temperature | 20–25°C recommended | 13–35°C recommended |
| Battery Management System | Not integrated | Integrated |
| Thermal management | Limited temperature range | Liquid-cooled |
| Applications | Mainly backup or basic UPS | UPS, backup, peak shaving, renewable energy storage, energy trading, industrial uses |
| Investment cost | € | €€ |
| Cost of ownership | €€ | € |

Want to learn
more about the
REVO 3.0 TPX600?



Get in contact with
one of our specialists.

Call us directly:
+31 318 633 231

Personal advice