

Titron Residential Storage Ti - RS

Ti-RS is **durable, extremely secure, and fast.**
It is a luxurious battery system made in Europe
and designed to be with you **for the next 30 years.**

Capacity 11.04 kWh
Connection up to 10 units
Charged in 10 minutes



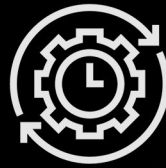
Core features

The battery system is built using LTO cells, and thanks to modified balancers and communication capabilities, it can fully harness the unique potential of this technology.



Speed

Charge and discharge
in 10 minutes



Longevity

25,000 full
depth-of-discharge cycles



Resilience

Operating temperature of
-40°C to +60°



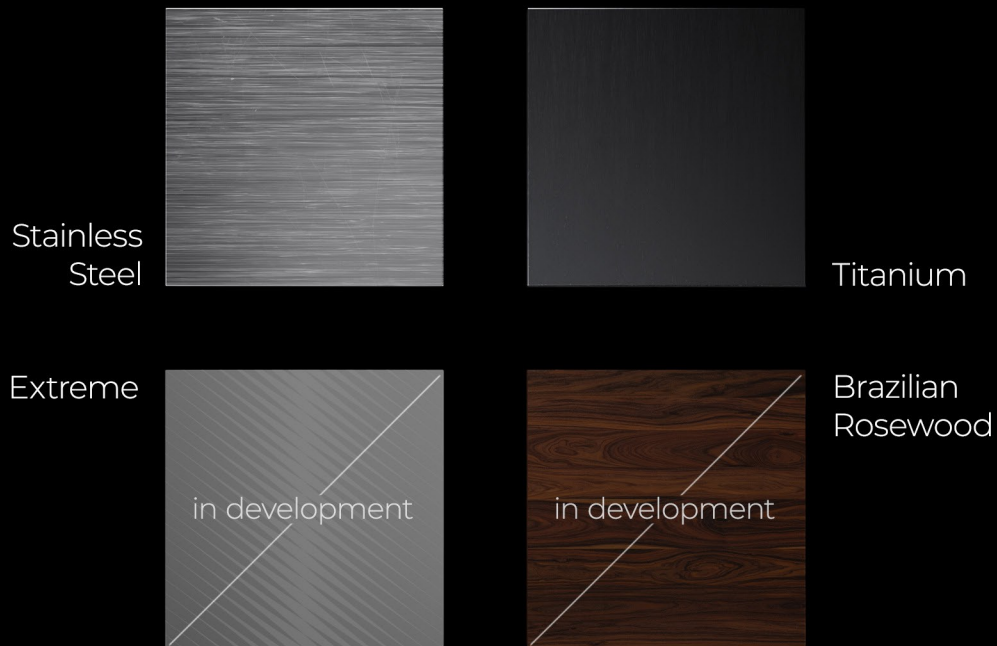
Safety

Thorough testing
including flame exposure
and cell puncture



Products

Our Ti-RS system comes in **4 editions**:



The Ti-RS system is assembled with **a focus on the lifespan**, authenticity and the replaceability of **individual patented components**.

While crafting the outer casing, we adhered to a **minimalistic, clean** approach using quality materials.

The goal is to transform the battery into a quiet, reliable, and visually appealing addition to your garage.

Ti-RS Specifications

The battery offers a usable capacity of **11.04 kWh**, with scalable potential up to **10 units, totaling 110.4 kWh** for versatile energy storage solutions.

Dimensions (H x W x D)	1,000 x 800 x 228 mm
Total weight	202 kg
Module weight	47 kg (1 of 4)
Nominal capacity	200 Ah / 11.04 kWh
Scalability	10 units
Ingress protection	IP51
Number of cycles (lifetime) at 1C	25,000
Efficiency at 1C	96%
Extreme operating temperature	-40°C to 60°C
Recommended operating temperature	-10°C to 35°C
Recommended storage temperature	-10°C to 35°C
Wire type	M8
Position for connecting wires	4 (4x fuse MEGA)
Communication interface	CANbus (500 kbps), ETH, 2x AUX
Nominal voltage:	48 V
Operating voltage range:	44.4 V to 62.2 V
Nominal charging current:	400 A
Nominal discharge current:	400 A
Minimum voltage (protective shutdown):	42 V
Maximum voltage (protective shutdown):	66 V

The battery warranty is based on the warranty of the titanium cells themselves, which we set for simplicity at 20 years of 25,000 cycles at 1C.





Behind the mesmerizing stainless steel exterior lies a world of innovation. It's a symbol of timeless elegance and sophistication. Whether you install it in your home, office, or business, this battery system becomes a statement piece, seamlessly blending with any décor.

TITRON storage s.r.o.
Czech Republic

www.titron.cz
info@titron.cz