

# **VIATRIX**Range Extended Powered Exoskeleton

With years of in-depth research in exoskeleton development, ULS Robotics, leveraging our cumulative R&D expertise and practical application experience, presents to you "VIATRIX", our first¹ consumer-grade exoskeleton.

Derived from Latin, "VIATRIX" means "traveler". Whether for daily walks or athletic challenges, VIATRIX empowers you with strong electric assistance and precise control, helping you conserve energy, enhance performance, and allowing you to break through your limits, so as to discover new horizons throughout your movement journey.

Focusing on a wide range of everyday usage scenarios, ULS Robotics has engineered a variety of innovative architectures for VIATRIX, delivering groundbreaking advancements in flexibility, intelligence, and battery endurance.



Multiple **Innovations: Giving Rise** to a New **Exoskeleton Paradigm** 

### Breakthrough **Flexibility**



Millisecond-Level Precise Response



Endurance









## **Providing Robust Assistance for Diverse Daily Activities**

50%

Enhancement in Leg Strength

#### **Specifications**

30~40%

deliver tailored dynamic assistance.

Reduction in Energy Expenditure<sup>3</sup>

Weight⁴

Size

Max. Torque

Opreation Modes<sup>5</sup>

**Power Supply** 

Opreating Temperature

Battery Range<sup>6</sup>

25km

Extended Range<sup>6</sup>

Intelligent Gait Recognition

3.0 kg (Does not include batteries and fabrics)

400\*400\*270 mm (Folded)

46 Nm (Total of Two Legs)

Al-Adapative Mode (Supports Hiking, Walking, Running),

Resistance Mode (Supports Downhill, Fitness Training), Cycling Mode

Replacable Lithium Battery

-20°C ~ 65°C

Up to 25 km

Power Your Move.







**ULS ROBOTICS**