



Exoskeleton - SM2000

Smarter, Stronger, Ultra-Light Exoskeleton

Smart AI Assistance — Learns your walking pattern for natural movement.

All-Terrain Adaptive — Stairs, slopes, outdoor trails, and flat surfaces.

Ultra-Light & Ergonomic — Only 2.0 kg for comfort & portability.

Powerful Dual Motors — 1680 W output, smooth torque for effortless steps.

Long-Lasting Battery — 5000 mAh Type-C quick-release, ~24,000 steps.

Customizable Assistance — 6 levels + Elderly mode for personalized support.

Safe & Reliable — Emergency stop, anti-interference, ergonomic fit.

Premium Build — Aerospace-grade aluminum & 3K carbon fiber.





Walk Anywhere, Effortlessly – AI Smart Exoskeleton for All Terrains



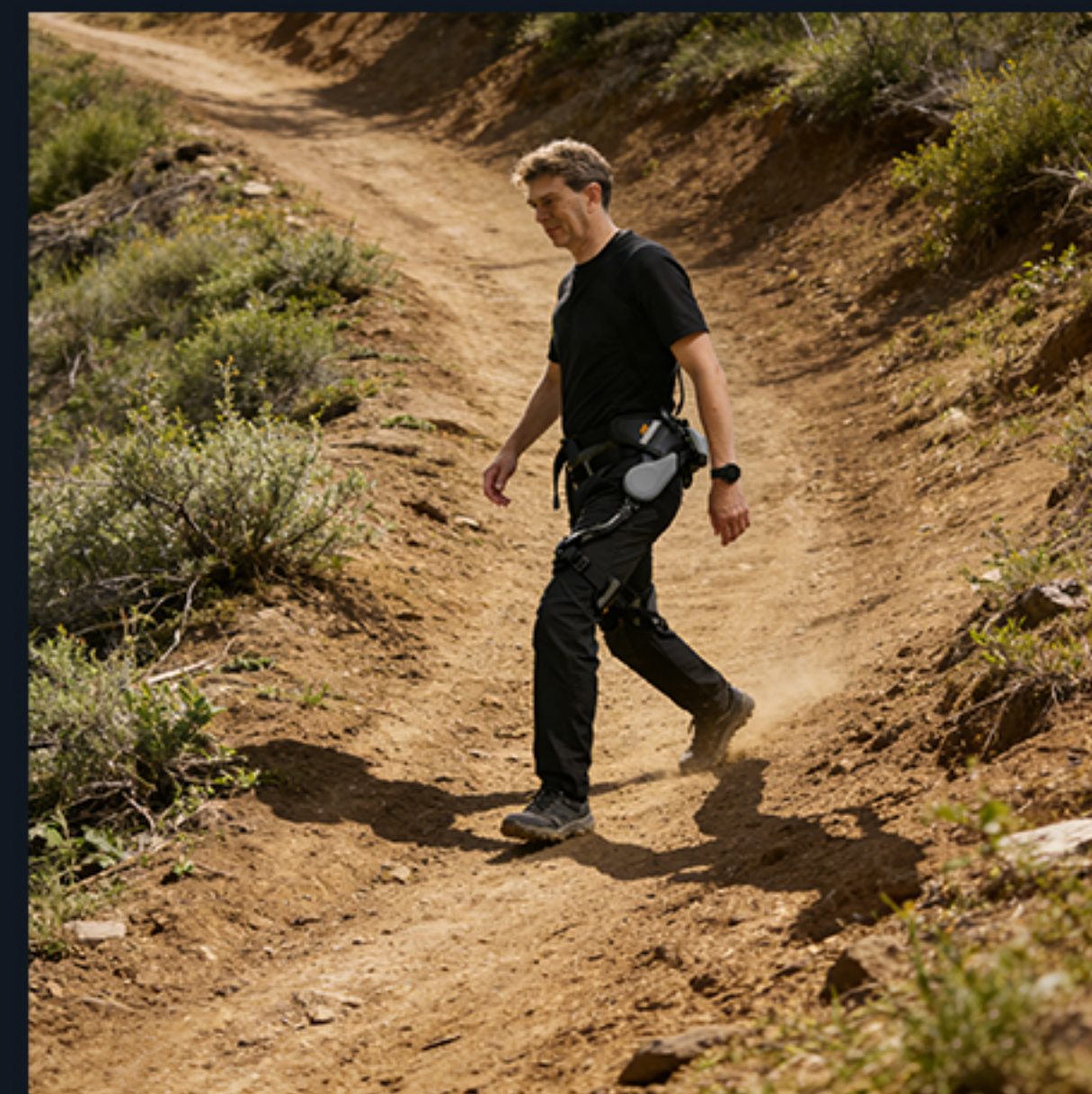
Daily Walking – Streets, stairs, home



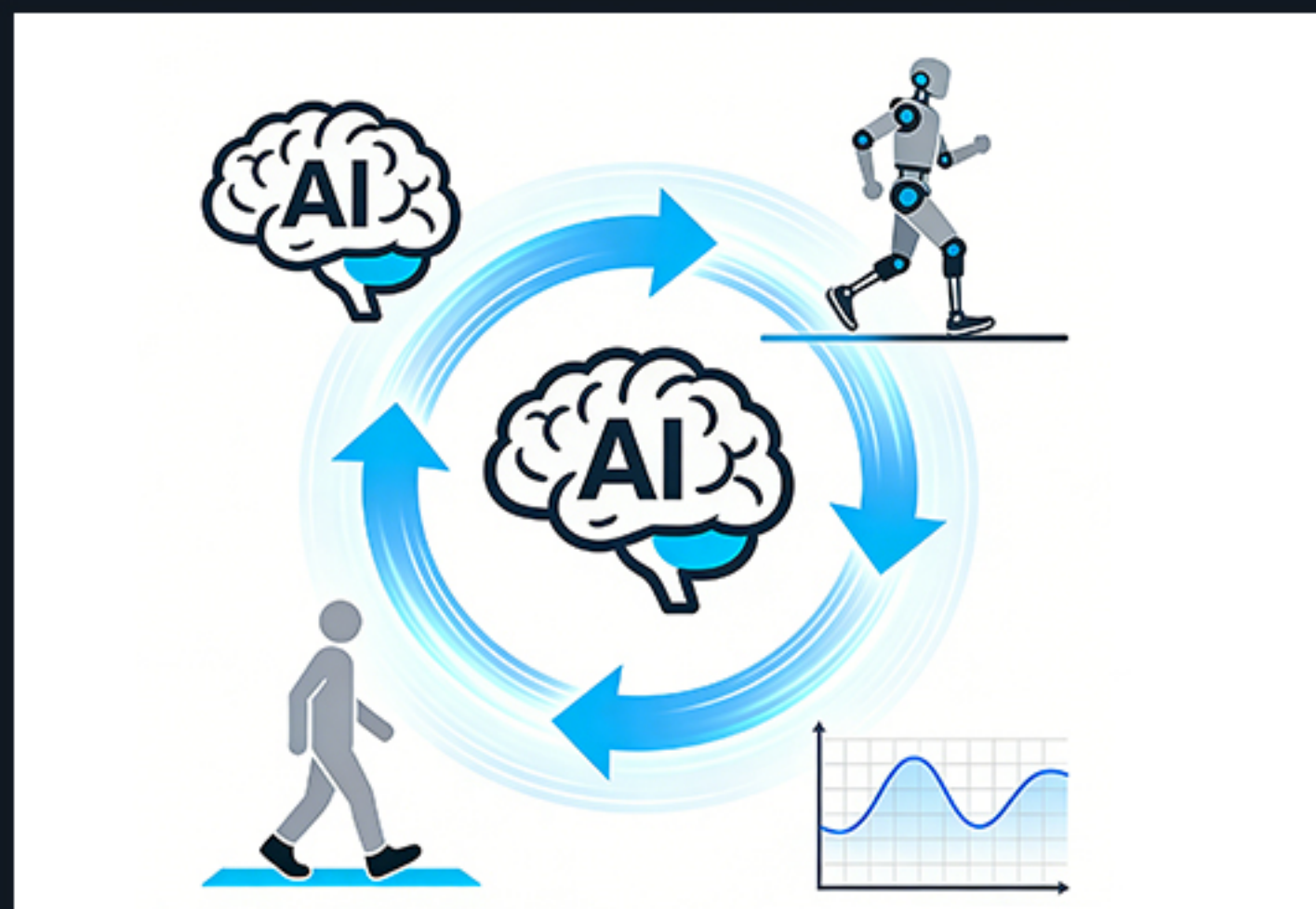
Outdoor Exploration – Hills, trails, parks



Rehabilitation – Post-injury, elderly support



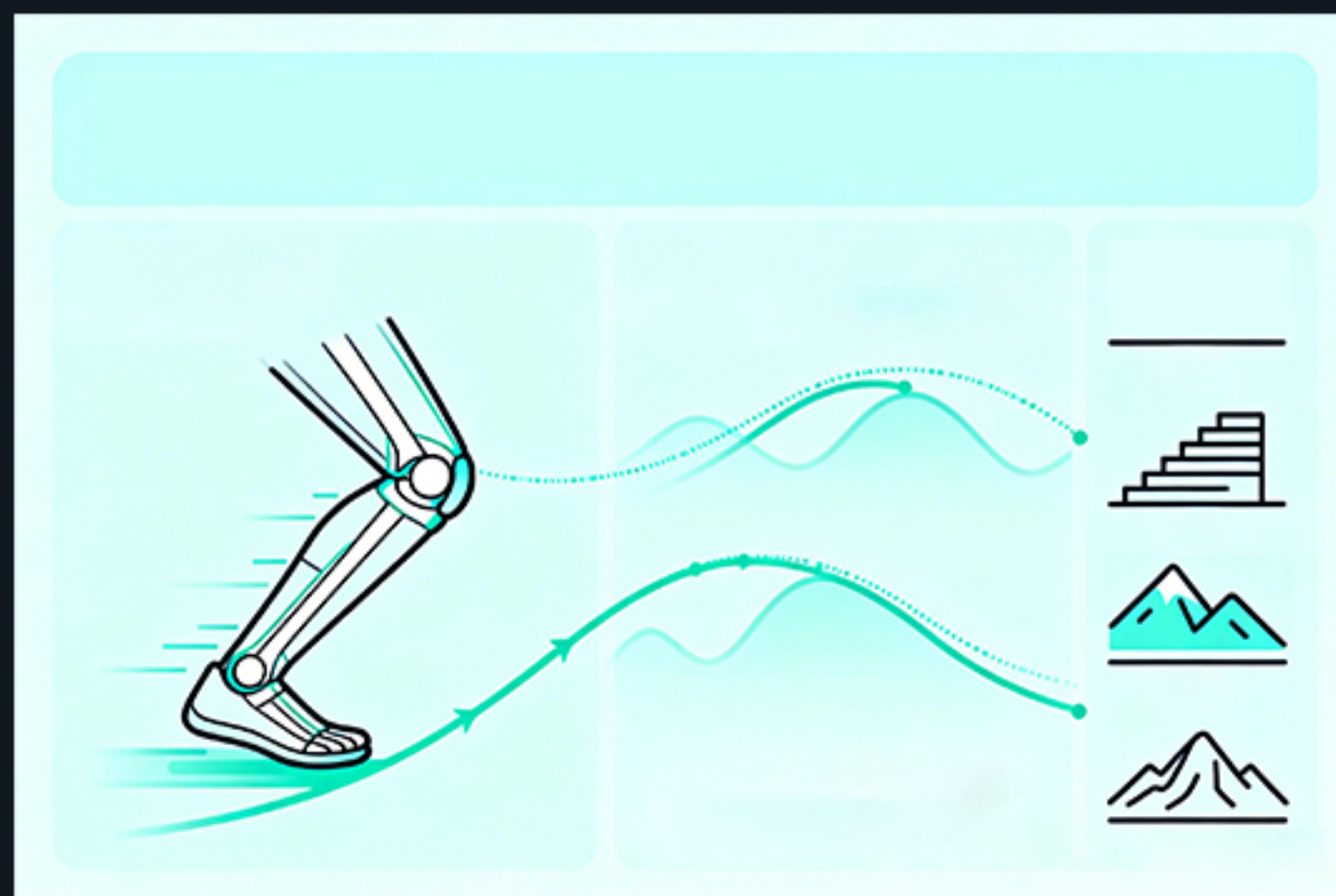
Sports & Training – Long walks, uphill, endurance training



AI learns your walking pattern



Smooth torque, natural movement



Automatic terrain detection



Stable performance under any conditions



✓ Instant Stop Protection

✓ Fall Detection

✓ Quick-Adjust Straps &
Magnetic Quick-Release

✓ Rearward Center of Gravity
& 65° Curve Optimization

✓ Noise Reduction &
Temperature Control Design



SM2000 AI Exoskeleton – Quick FAQ

1. Who can use SM2000?

Suitable for heights 155–200 cm (5'1"–6'7") and waist 36–46 cm; adjustable leg support fits most users.

2. How long does the battery last?

5000mAh rear battery, up to 24,000 steps / 19.8 km, fast Type-C charging ≤100 min.

3. Safe for elderly users?

Yes. AI adaptive & Elder Mode, emergency stop, and lightweight ergonomic design ensure safety.

4. How far and how fast can I go?

Walk up to 19.8 km, speeds up to 16 km/h, climb slopes and stairs effortlessly.

5. How to clean and maintain?

Wipe with a soft cloth; avoid harsh chemicals; check straps and joints regularly. IP54 dust & splash-proof.

6. What modes are available?

AI Adaptive Mode, Elder Mode, 6 assist levels; switch via app or buttons.

7. Key safety features?

Emergency stop, dual-filter anti-interference, rear-shifted center of gravity, 65° shell for comfort.

8. Weight and size?

Device ~2.0 kg (without battery), battery 380 g, package <4.9 kg, 420×310×180 mm.

9. Materials?

Waist: aluminum alloy; Legs: 3K carbon fiber; Joints: aluminum alloy; Streamlined shell.

10. Can I use it outdoors?

Yes. AI terrain recognition adapts to stairs, slopes, urban and outdoor paths for natural, smooth walking.

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