Smart Assist, Less Strain, More Efficiency



Lumbar Support Robot

Breathable Strap Design — Comfortable, ventilated, easy to wear

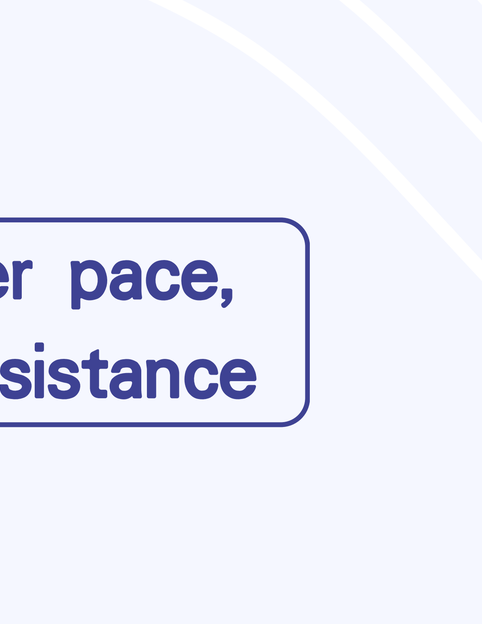
Ergonomic & Unrestrictive — Fits body curves; no movement limits

Adaptive Walking Support — Learns user pace, adjusts assistance

Quick-Swap Battery — Fast removal and replacement

10kg Intelligent Lumbar Support — Relieves lower back pressure during lifting

Lightweight(3.2kg) — Comfortable for all-day wear



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Specifications



- **Net Weight: 3.2 kg (including battery)**
- **Max Lumbar Assist Force: 10 kg**
- **Walking Assistance: Adaptive, with self-learning function**
- **Max Walking Speed: 12 km/h**
- **Battery Life: 4 hours or up to 1000 lifting operations**
- **Charging Time: 1.5 hours (replaceable battery module)**
- **User Height Range: 155cm – 185cm**



①Bending down ②Standing up ③Suspension

No assistance **Intelligent assistance** **Lifting force**

Unobstructed bending **Helps stand up quickly** **Maintains a bent posture**

Applications

- **Industrial – Logistics, loading, production**
- **Agricultural – Harvesting, lifting, long hours**
- **Healthcare – Patient care, injury prevention**