

Device Name:	Dual Lower Limb Hip Joint Assist Device - Youlong
Device Model:	YL001
Net weight:	2.18kg
Operating Voltage:	24V
Battery Capacity:	3000mAh
Charging Time:	2 hours
Battery Life:	Over 4 hours
Output Power:	960W
Maximum Power:	32nm
Waterproof and Dustproof:	IP54
Assistance:	6 Adjustable Levels
Operating Temperature:	-10°C to 45°C



#### ☆ AI-Adaptive Walking

Learns and adapts to individual walking patterns in real time.

#### ☆ Terrain Adaptation

Automatically adjusts to slopes, stairs, flat surfaces, and sprints without manual mode changes.

#### ☆ Lightweight Design

Partial carbon fiber construction, weighs only 2.18 kg for effortless mobility.

#### ☆ High Torque

Delivers up to 32 NM for strong leg support.

#### ☆ Long-Lasting Battery

Up to 4 hours of continuous use.

#### ☆ Adjustable Gears

6 levels to match user needs and walking conditions.

### Exoskeleton Walker

VS

### Ordinary Walking Aid



Feature	Exoskeleton Walker	Ordinary Walking Aid
AI-Adaptive	Real-time walking adjustment	Fixed/manual mode
Terrain Adaptation	Stairs, slopes, flat, sprint	Flat only
Weight	2.18 kg – Carbon fiber	5-8 kg – Metal/Plastic
Torque	32 NM	Low / None
Battery Life	Over 4 hours	1-2 hours
Adjustable Gears	6 levels	1 level / Fixed
Use Cases	Hospitals, Rehab Centers, Home	Light rehab or home

## Our Advantage

Adapts to user's walking automatically

Adapts to all terrains

Lightweight & comfortable

Strong leg support

Long usage

Customizable support

Professional & home use



Data Model	S Size	M Size (Universal)	L Size
Length of Connecting Support (mm)	230	260	290
Recommended Height (cm, for reference)	150–159	155–180 155–190 (with L-size support arm)	175–190
Recommended Waist Circumference (cm)	70–105	70–135	80–150