

ULS ROBOTICS

BES-P

Energy-storage waist exoskeleton

Comprehensive
assistance

15kg





Side



Back



BES-P

Energy-storage
waist exoskeleton

The BES-P lumbar exoskeleton from ULSrobotics utilizes a mechanical energy-storage design to power assistance for the shoulders, arms and waist. The lightweight device reduces worker burden by over 20% for labor-intensive jobs while decreasing staff turnover and improving productivity.



赋能人类 无限力量

EMPOWER HUMAN BEING INFINITE

Technology lights up a better life

The BES-P exoskeleton was created to enable healthier work styles and reduce burden from lifting and load transfers.

Application
industry



Factory
production line

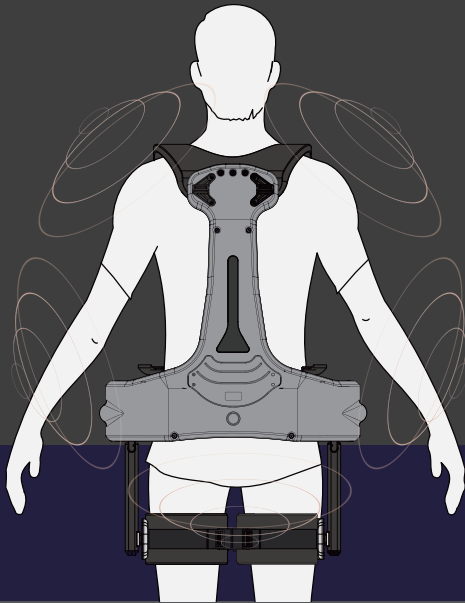
/ Logistics handling

/ Physical lifting

/ Automobile
manufacturing



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Strong power



Lightweight



energy conservation



Comfortable to wear



Dustproof and waterproof



Favorable price

Features of the energy-storage waist exoskeleton BES-P



Save manpower and reduce work intensity



Increase endurance and work efficiency



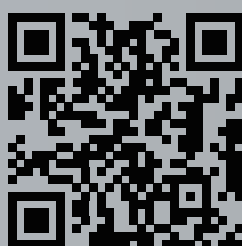
Reduce work-related injuries and insurance claims



Replace lifting equipment, with low cost and high efficiency

SPECIFICATIONS

Equipment dimension	777×517×324 (mm) (L * W * H)
Suitable bodyweight	40~85kg
Assisting effect	≥60%
Product weight	≤3.5kg
Power source	Energy storage drive
Auxiliary force	15kg
Ambient temperature	-20°C~50°C
Dustproof and waterproof	IP65
Service life	>2 million times
Degree of freedom	2 active degrees of freedom, 2 passive degrees of freedom
Material	Engineering plastics, aviation aluminum alloy, carbon fiber



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