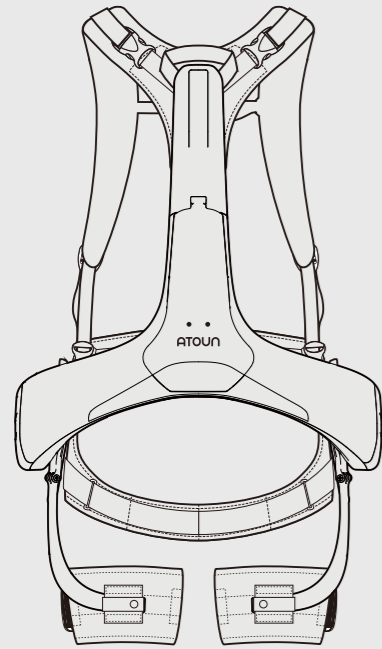




● ●
ATOUN
 POWERED WEAR



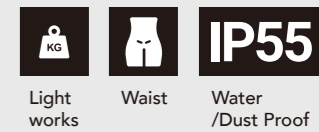
Powered Wear
ATOUN MODEL Y

Specifications

Part No.	AWN-12	
Size	W48.4 × D28 × H81cm	
Storage size	W48.4 × D23 × H67.5cm	
Weight	4.5kg (Include battery)	
Assist force	Max 10kgf	
Motor	Indicated motor	2(right and left) motors
Operation time	Approx. 4 Hours	Based on our assumed work
Temperature	0 ~ 40°C	
Ideal operator size	Height 150 ~ 190cm	



Powered Wear
ATOUN MODEL Y



**Assist your back
 with great harmony.**

The wearable robot "Powered Wear" to reduce of the burden of the lower back by sensing the operator's movement and driving the motors while lifting-up the heavy objects.

● ●
ATOUN

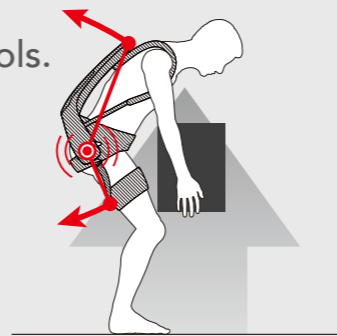
<http://atoun.co.jp/>

ATOUN Inc.
 Sakyo 6-5-2, Nara City, 631-0801 JAPAN
 tel : 0742-71-1878



Easy to use

Don't need to prepare for attaching the sensor or special tools. Shouldering it like back pack then press the Power button. Then MODEL Y assists you with the great



3 Modes for

Assist Mode

To assist the pick-up movement by stretching the back.

Walking Mode

When the operator walks "MODEL Y" automatically senses it and does not hinder their walk.

Brake Mode

When the operator put down the heavy things, "MODEL Y" pulls the operators upper body and assists the slight movement.

Automatic Mode change

The operator does not need to touch any switch. "MODEL Y" can change any modes automatically by following the operator's movement.

Individual motor control

"MODEL Y" has 2 motors(right & left) individually so they can provide smooth and natural assist .

Lighter* and tough body

Adopting a carbon resin frame, MODEL Y has both of toughness and lightness. To reduce 40% of the weight and becomes the lightest class between similar spec. Having IP 55 Water & Dust proof, MODEL Y can be used outdoor or rainy weather.

*Compare to our former model "MODEL A".



Comfortable design

The minimal frame shape does not disturb the operator's movement and the special designed belts make it possible to keep the best position between the equipment and the operator. By doing so it ensures the correct assist way and ventilation then you can work comfortably in various scenes.