



**SAMSONG CASTER**

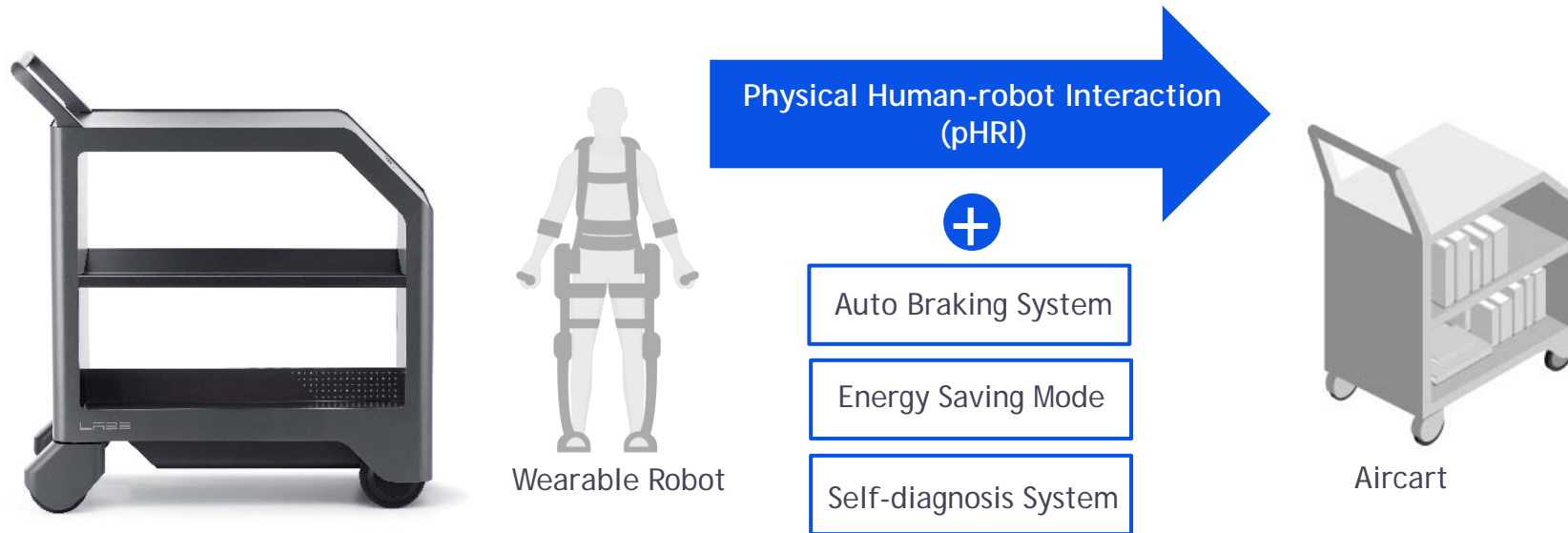
# AIRCART

Easy + Light + Safe





SAMSONG CASTER



**AIRCART** is a cart that can be carried lightly and safely utilizing physical human-robot interaction (pHRI) technology, a technology used in wearable human power amplifiers.



SAMSONG CASTER

# AIRCART



Power Sensor

*The movement of the cart (momentum and direction) is controlled in real time by identifying the user's intentions through the power sensor on the cart handle*

Main Controller Unit

Battery & Error Indicator

LED Display

Brushless DC Motor  
*Enhancing power in pushing direction*





**SAMSONG CASTER**

### Easy

*The movement of the cart is controlled in real time by identifying the user's intentions through the power sensor on the cart handle*

### Light

*The motor automatically increases its power giving the impression that the cart is gliding, even when carrying heavy objects*

### Safe

*Equipped with an automatic breaking system, it's safe to go up and down*

#### SPEC

● Size : 1130(H) x 440(W) x 1050(D) mm	● Motor Power : 250W
● Load Capacity : 100 kg	● Charging Voltage : AC 110~220V
● Maximum Speed : 4 km/h	● Battery Capacity : 216 Wh (12V & 18Ah)
● Maximum Slope Angle : 15°	● Full Battery Recharging Time : 4 hrs
● Usage Time : 8 hrs	● Motor Wheel Diameter : 6.5" (165mm)