

PHOTOVOLTAIC SMART CARRIER



Flexible and adaptable, it can be equipped with a variety of equipment such as photovoltaic baskets. The compact size of the car has no turning radius and can be deployed quickly without the need to rebuild the factory. Automatic charging, multiple security protection, safe and fast.



Server system

Flexible movement and quick response



Visual system

Automatic obstacle avoidance, safe and reliable



Dispatch system

Can be connected to the ERP system, the scheduling system automatically calculates the path, and runs ultra-efficiently

Specifications		
Basic information	Dimensions	940*650*250 (mm)
	Body weight	135kg
	Electric display	LCD
	Control system	Han Xin System
Carrying information	Load	600kg
	Forward speed	1.5m/s
Operational information	Navigation method	Laser
	Walking direction	Two-wheel differential
	Minimum turning radius	Spin
	Obstacle detection range	0-8000mm
Precision	Positioning accuracy	±2mm
	Navigation accuracy	±5mm
Battery information	Charging method	Automatic online charging/ manual charging
	Charging time	4h(10A)&2h(20A)
	Operation hours	8h
Drive mode	Motor type	Servo motor
	Output power	2x400W
Other	Security system	Laser obstacle avoidance, safe touch
	Alarm form	Audible alarm



INTELLIGENT LOGISTICS - STACKING AGV

3D natural navigation, super-environmental adaptability, extended double fork, more suitable for the photovoltaic industry. Automated stacking AGV replaces traditional forklifts with fewer people, more safety and greater efficiency.



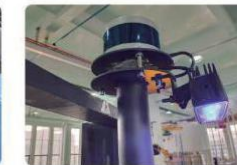
UI

Real-time display of information, keep abreast of equipment health.



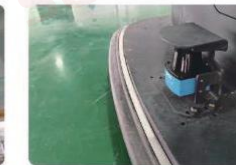
Lifting mechanism

Load capacity up to 1000kg, lift height up to 1.6m.



Visual system

Based on radar secondary positioning, the overall positioning accuracy can reach 10mm.



Radar system

Omnidirectional radar, using natural navigation, no need to adjust infrastructure, with high environmental adaptability.



Dispatch system

Can be connected to the ERP system, the scheduling system automatically calculates the path, and runs ultra-efficiently.

Specifications		
Basic information	Dimensions	2095*990*2175 (mm)
	Body weight	850kg
	Electric display	LCD
	Control system	Han Xin System
Carrying information	Load	1500kg
	Forward speed	1.2m/s
Operational information	Lift height	1.6m
	Navigation method	Laser
	Walking direction	Two-wheel drive
	Minimum turning radius	1630mm
Precision	Obstacle detection range	0-8000mm
	Positioning accuracy	±2mm
Battery information	Navigation accuracy	±5mm
	Charging method	Automatic online charging/ manual charging
	Charging time	4h(10A)&2h(20A)
Drive mode	Operation hours	8h
	Motor type	AC motor
Other	Output power	1.5kW
	Security system	Laser obstacle avoidance, safe touch
	Alarm form	Audible alarm