



SPARTAN



SUNWARD



### Standard Functions

Proportional control	Unidirectional extension platform	Folding fence	Platform self-locking door
Airless tires without imprint	Timer	Standard transport forklift holes	Safe maintenance support rods
Horn	Flash lamp	Motion buzzer	DC motor driven/Hydraulic pump driven
Pit protector	Emergency descending system	Emergency stop system	Automatic braking system
Tilting protection system	Charging protection system	Fault diagnosis system	

### Optional Functions

Air pipe to platform	AC power source connected to platform	GPS tracking system	Overload protection system
Maintenance-free battery	Lithium battery and management system	Intelligent interconnection system	Platform work lights

## Dimension

	Maximum working height	12m
A	Maximum platform height	10m
B	Height of retracted platform	1.36m
C	Length of working platform	2.27m
	Extension dimension of platform	0.9m
D	Width of working platform	1.15m
E	Height - retracted (guardrail raised)	2.49m
	Height - retracted (guardrail folded)	1.95m
F	Overall length	2.47m
G	Overall width	1.17m
H	Wheel base	1.87m
I	Ground clearance (retracted state)	0.11m
J	Ground clearance (extended state)	0.02m

## Performance

Rated load	320kg
Safe working load of extended platform	113kg
Maximum number of workers	2
Travel speed (retracted state)	4.0km/h
Travel speed (extended state)	0.8km/h
Turning radius (inside)	0m
Turning radius (outside)	2.2m
Ascending/descending speed	55s / 38s
Maximum gradeability**	25%
Maximum allowed working angle	1.5° / 3°
Control	Proportional control
Drive	DC motor front driven
Multi-disc brake	Two front wheels
Tire - airless without imprint(outer diameterxwidth)	381mmx127mm
Battery	4x6V/240Ah
Charger	24V/30A
Weight	2950kg

\* The working height equals to the platform height plus 2 m.

\*\* The gradeability is adaptive to driving on slopes; refer to the Operation Manual for relevant levels of gradeability.

