

TFT

G2 series Lithium Battery Container Handler



www.carretillastft.com



25t electric container handler can be widely used in enterprises, stations, ports, docks, yards and other places, for container handling and stacking operations.

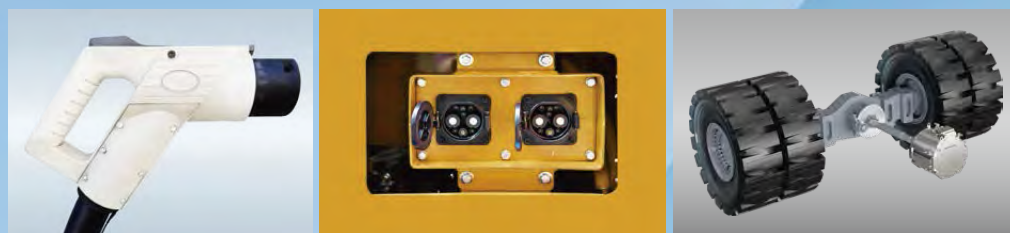
A

CHARACTERISTIC

1

LONG BATTERY ENDUREANCE

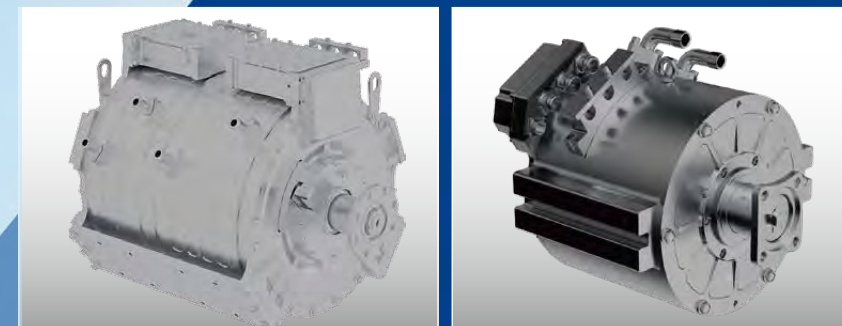
- Compatible with new energy vehicle charging pile and dual charging port as standard.
- Braking, mast lowering energy double recovery, effectively improve the endurance.
- The standard battery can meet the normal working conditions of more than 8 hours, using 300KW charging pile and double gun charging 1 hours can be full charged.



2

RELIABLE QUALITY

- Developed based on the IC truck platform, mature and reliable.
- Equipped with the mainstream permanent magnet synchronous motor, with the advantages of high efficiency, quick response, low failure rate and energy saving etc.
- The motor and electronic control are cooled by water-cooling method to ensure its superior working condition.



- Imported kessler brand drive axle, wet brake, dustproof and waterproof, maintenance-free.
- Excellent braking performance to meet the requirements of long time and heavy working conditions.
- High axle housing strength, high transfer efficiency and accuracy, stability and reliability.

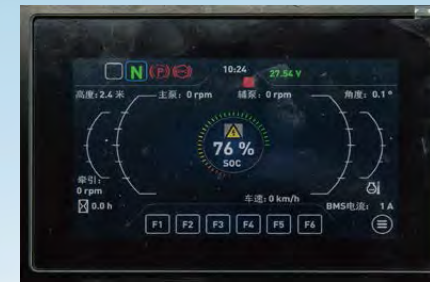
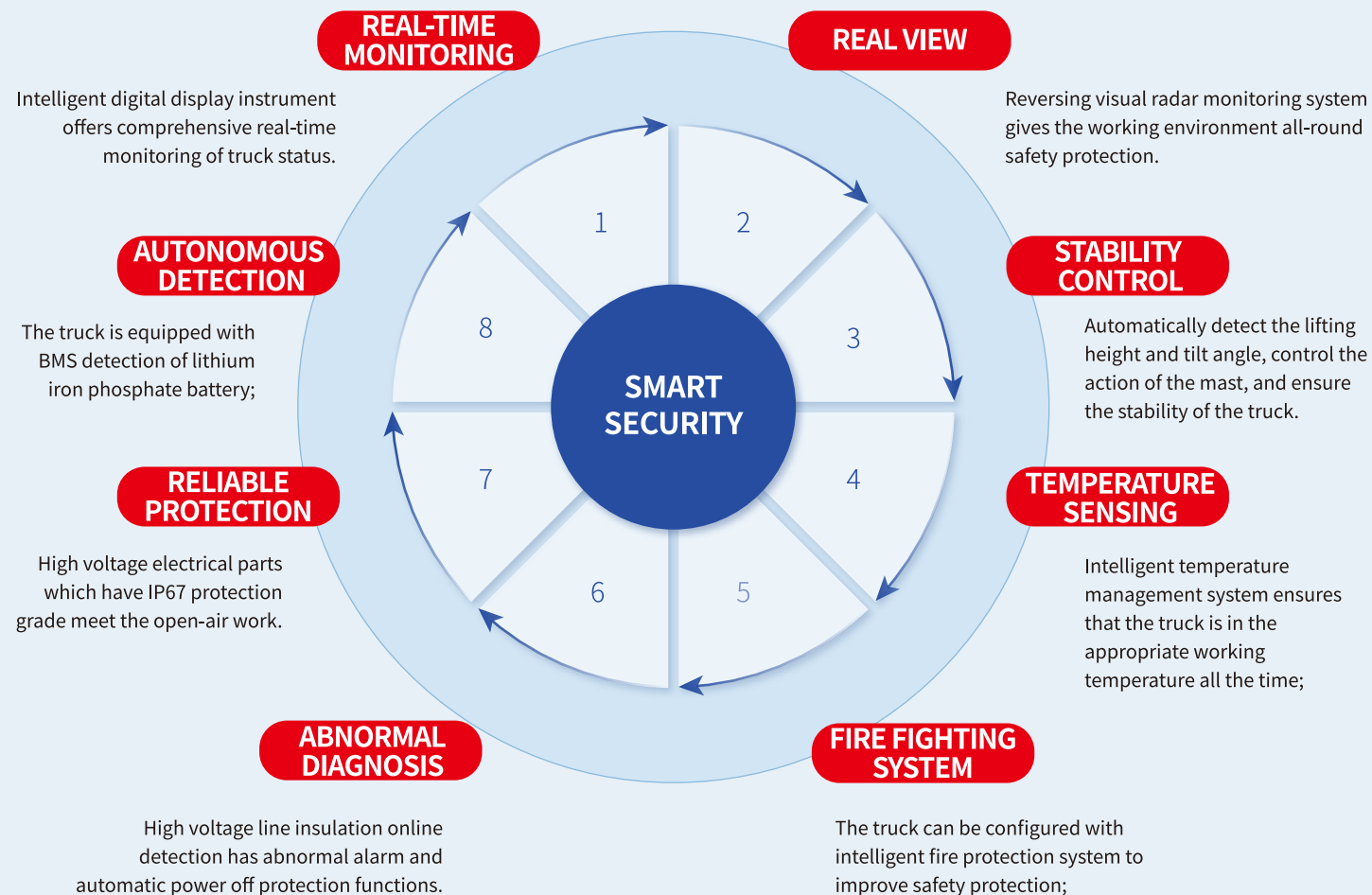


Adopt the world famous brand ELME original imported spreader, stable performance, reliable quality.

3

INTELLIGENT
SAFETY

- The truck high voltage line has insulation online monitoring function, combined with intelligent fire protection system, real-time monitoring of truck status can be achieved;
- High protection level(IP67) high voltage electrical components and intelligent temperature management system meet the outdoor all-weather work needs.



Rich instrument display content and human-computer interaction interface achieves timely acquisition of truck status, ensuring safe driving, stable operation.



The control panel is equipped with USB charging interface, radio with input port and support SD card, sunshade and bottle holder, etc., to provide drivers with a full range of "passenger vehicle" comfortable experience.

4

COMFORTABLE AND
ECO-FRIENDLY

A RELAXED DRIVING
EXPERIENCE FOR CUSTOMERS

- Fully closed sliding cab, reduce the noise transmission of the truck.
- Vibration-damping, full-suspension knitted seats, dramatically improving ride comfort.
- Flow amplification technology, full hydraulic power steering, steering operation is light and flexible.
- Standard configuration of heating and cooling dual high-pressure electric split air conditioning offers high air conditioning energy utilization. The air duct is the front and the lower part, giving the driver a comfortable operating environment.



5

ECONOMIC

According to the calculation of 8 hours a day, the annual comprehensive use cost of electric truck is 16.5% of the IC truck, and the cost can be saved by 1.24 million RMB in 5 years. It can reduce carbon emissions by 100 tons per year.

INTERNAL
COMBUSTION
TRUCKELECTRIC
TRUCK

16.5%

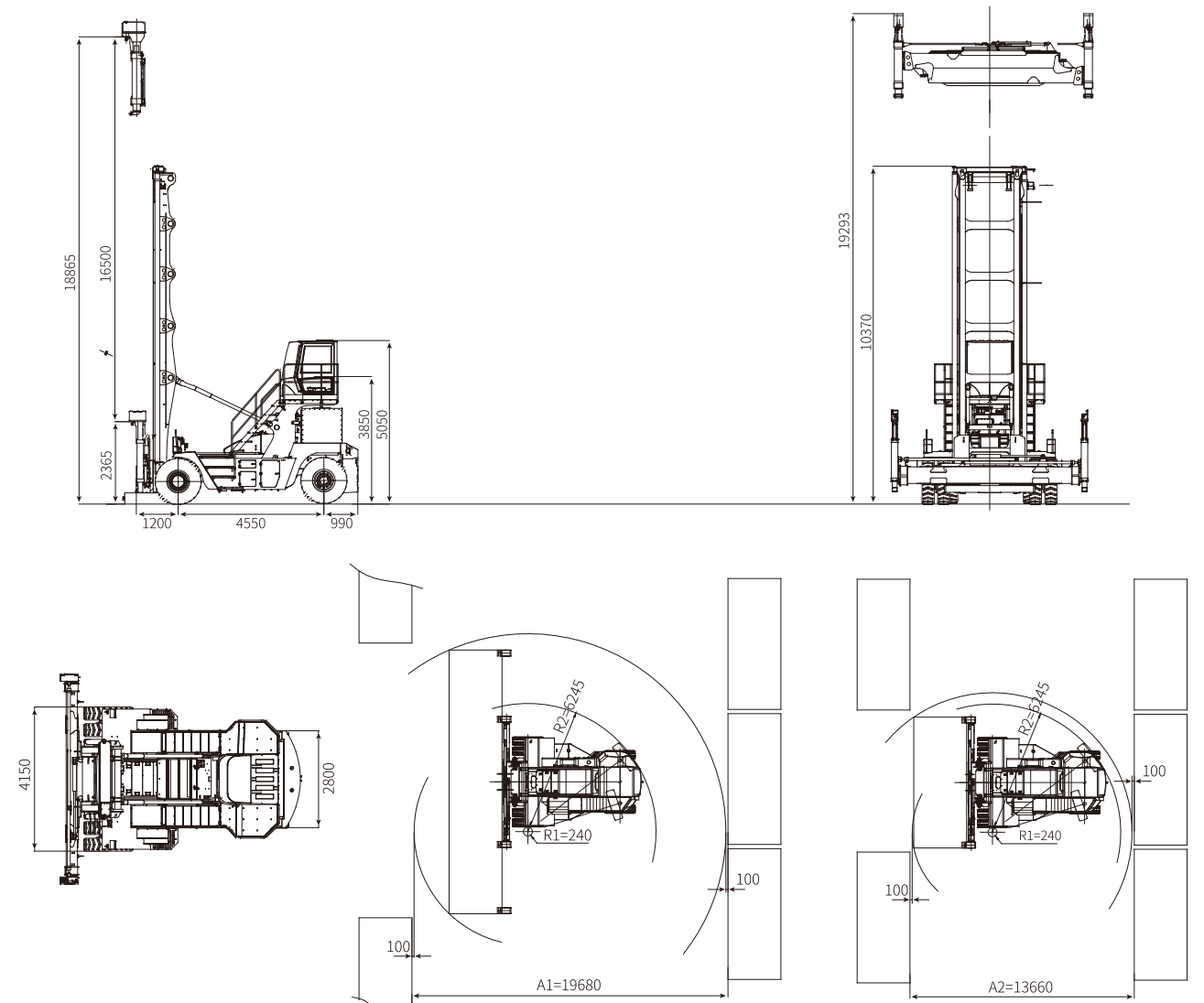
COMPARISON OF USING COSTS (ANNUAL)

TECHNICAL
PARAMETERS **B**

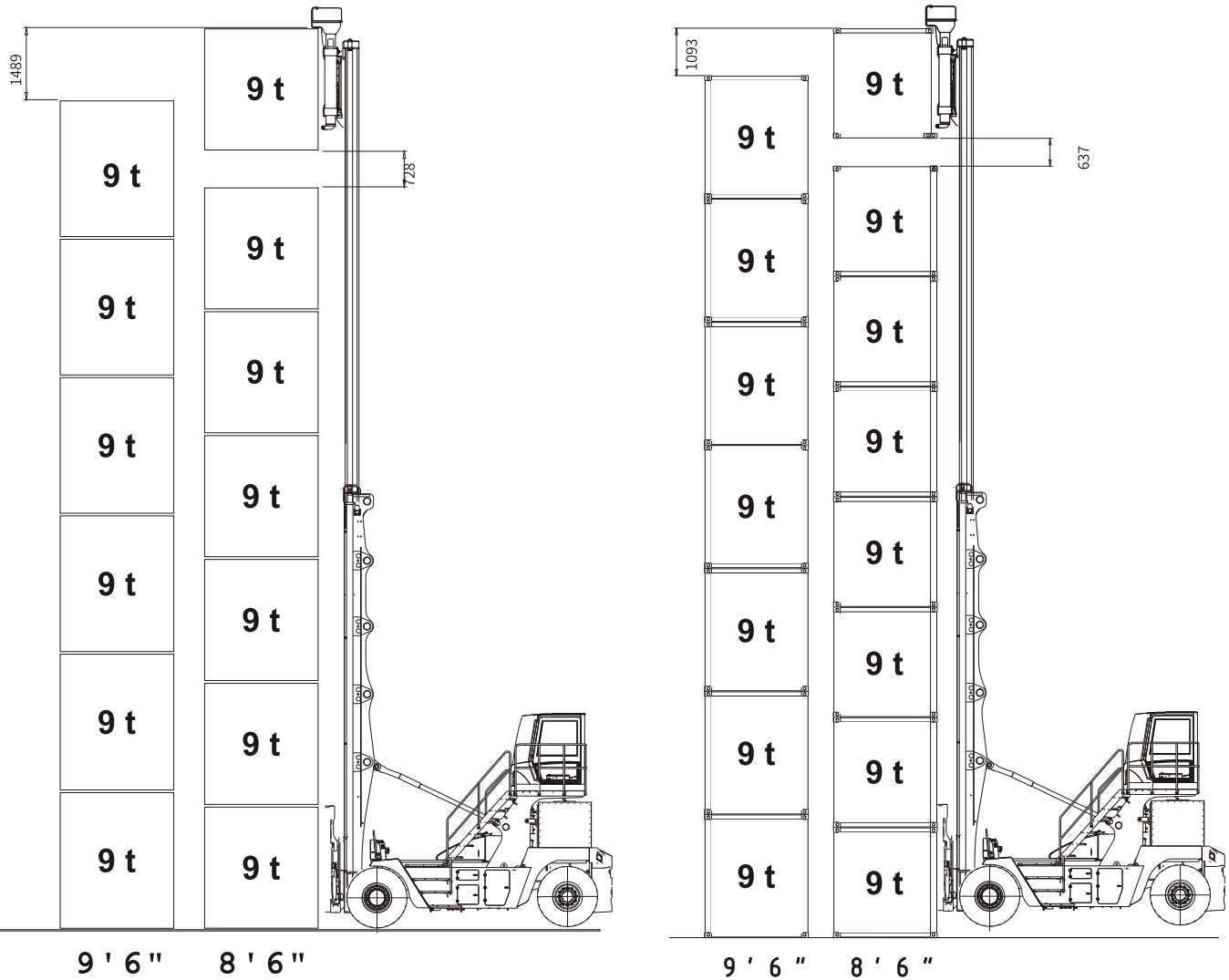
TECHNICAL PARAMETERS

	Parameter		Electric container handler
1.1	Maximum Stacking Layer	layer	7~8
1.2	Lifting Container Specifications	ft	20/40
1.3	Rated Capacity	Kg	4500 (Single container) / 9000 (Double container)
1.4	Maximum Lifting Speed (Unload/load)	mm/s	600/550
1.5	Lowering Speed (Unload/load)	mm/s	540/520
1.6	Maximum Travelling Speed (Unload/load)	Km/h	31/30
1.7	Maximum Gradeability	%	30/25
1.8	Mast Angle (Front/rear)	deg	3/3
1.9	Overall Length (Including Attachment)	mm	6740
1.10	Overall Width (Front/rear)	mm	4150/2800
1.11	Wheelbase	mm	4550
1.12	Wheel Distance (Front/rear)	mm	3290/2395
1.13	Minimum Turning Radius	mm	6245
1.14	Spreader	mm	ELME 588TB INN

FORMAL SIZE



LOADING DIAGRAM



STANDARD CONFIGURATION

	Characteristic	Standard configuration
1	Energy storage device	Lithium-ion battery(catl cell)
2	Traction motor and controller	Adopt water cooling for heat dissipation
3	Pump motor and controller	Adopt water cooling for heat dissipation
4	Drive axle	German kessler d81 drive axle
5	Hydraulic system	Electric proportional control with energy recovery
6	Braking system	Wet brake system
7	Cab	360° high view cab
8	Seat	Full suspension seat
9	Hood assembly	Front and rear sliding hood + aluminum alloy plate
10	Spreader	Adopt imported swedish elme spreader
11	Air conditioner	Electric high voltage air conditioner
12	Type of tyre	Pneumatic tire
13	Number of tyre	4 forward/2 backward
14	Astern safety	Astern video and radar
15	Hydraulic oil heat dissipation	Independent liquid zone cooling system
16	Vehicle networking	Fics system

OPTION CONFIGURATION

	Characteristic	Option configuration
1	Trucks System	Automatic centralized lubrication system for import configuration
		Automatic centralized lubrication system for domestic configuration
		Engine compartment fire protection system
		Imported Horse tire
		Solid tyre
2	Electrical System	Tire pressure monitoring
		Intercom communication system
		Container handling statistics and printing system
		360 panoramic image system
3	Charging Post	High-power charging pile

HELI INTELLIGENT FLEET MANAGEMENT SYSTEM

- Truck positioning
- Remote diagnostics
- Remote monitoring
- Maintenance Tips
- Statistical reports
- Truck management
- Identification (optional)
- Weighing management (optional)

