

Configurations

Category	Item	Option	Category	Item	Option	
Safety	Steering deceleration	●	Comfort	Semi-enclosure seat	●	
	Rear handle with horn for truck reversing	●		Full suspension seat	○	
	Overspeed alarm (5km/h)	○		1 USB interface (5V/1A)	●	
	Overspeed alarm (8km/h)	○		Super low torque steering unit	●	
	Overspeed alarm (10km/h)	○		Mechanical control valve	○	
	Speed limit (no ultimate limit type)	○		Fan	○	
	OPS(travelling+lifting+tilting+attachment lowering is not included)	●	Cab/ Windshields	Panel mounted cab (with fan and wiper)	○	
	Full set of OPS	○		Heater	○	
	Safety switch for seat belt	●		Air conditioner only for cooling	○	
	Hydraulic valve overload protection device	●		Air conditioner only for cooling + heater	○	
	Dry powder extinguisher (0.5kg)	○		Front windshield (with wiper/no blow can)	○	
	Dry powder extinguisher (2kg)	○		Rear windshield	○	
Safety	Backward buzzer	●	Lings	Top windshield (without fan)	○	
	Reversing speaker (Chinese)	○		LED rear working lamp (one)	○	
	Electronic upper buffering	○		Rear LED red/blue spot lamp	○	
	Wide- angle central rear view mirror	●		Left, right and rear blue bar	○	
	Rearview mirror on two sides+ Center wide angle rearview mirror	○		Fixed type LED flicker warning lamp	●	
	Reverse radar (4 probes)	○		Fixed type LED rotating warning lamp	○	
	Safety	Reversing image (1 camera + 4 probes)	○	Others	Fixed type LED rotating buzzer warning lamp	○
					Sleeve for steering cylinder	●
					Sleeves for steering cylinder and tilting cylinder	○
					FICS standard type (domestic)	○

Charger

Charger Model		APSP-150V100A-S1	APSP-150V200A-S1
Wiring type		Three-phase four-wiring type	
Power of charger	KVA	≤20	≤40
Air switch model of Upper level power	A	63	80
Input voltage range	Vac	380±15%	
Protection level		IP20	
Working ambient temperature		-20~+45	
Plugs and sockets		Charger meeting national standard	
Charger		Full charging time=required charging capacity/charging current+0.2h. For example: the battery capacity is 153.6V/230Ah, and the discharging state is alarmed by instrument,the charger is 100A, thus the full charging time is 230*0.9/100+0.2≈2.27h	

CPD 40/45/50 G2A11LI



LITON 4-5 t

G2 series lithium battery
powered counterbalance forklift truck



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Based on the platform of internal counterbalance forklift truck

Integrated with electric drive, the truck is powerful and high efficient.

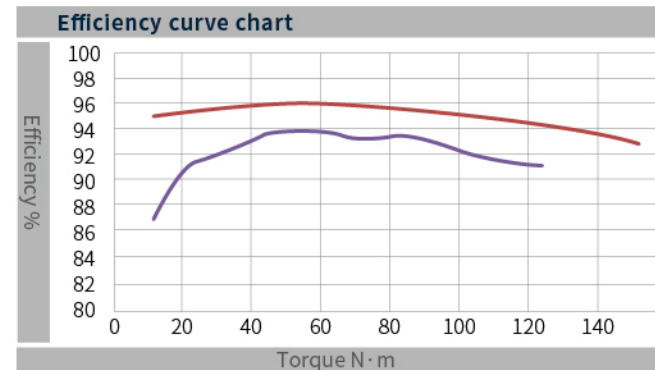


A NEW GENERATION

Smart / Safe / High efficient / Energy saving and environmental protection

Powerful performance, High efficiency and energy saving

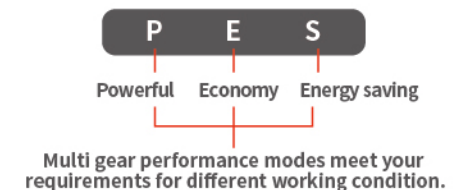
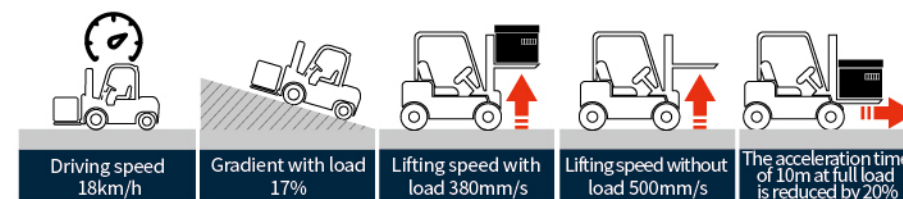
- The voltage is increased from 80V of traditional lithium battery powered truck to 153.6V. The overall energy efficiency is significantly improved by increasing of the motor power and reducing of the current of motor and controller.
- Permanent magnet synchronous motor for electric vehicle which has lighter mass compared with the same energy three-phase asynchronous motor is adopted and the comprehensive efficiency is significantly improved.
- Standard load sensing is equipped on the truck as standard which gives priority to steering and saves energy by 5%;



— Driving efficiency of three-phase asynchronous motor on flat ground
 — Driving efficiency of permanent magnet synchronous motor on flat ground



The integrated power system reduces the wiring harness which greatly reduces the loss of electric energy transmission. And the levels of parts and control modules are clear and convenient for maintenance;



Smart safety functions offer comprehensive guarantee.



Emergency power-off switch is equipped as standard to ensure safety in case of emergency;



High efficiency liquid cooling and heat dissipation system is equipped as standard, which can meet the requirements of automobile S1 continuous working system;



System level voltage safety protection: The truck features Integrated / shortest design of voltage connection and multiple insulation monitoring protection;
 System level voltage safety sectional design: when the maintenance switch is pulled out, the system fails or the key is disconnected, the voltage system will be automatically disconnected, and the maximum voltage shall not be greater than 76.8v;