L936H EV Configuration

Standard Configuration
CATL Battery
SDLG ET300 Transmission
SDLG AL20H Axle
Fixed Displacement Hydraulic System
Pilot Control
2-Spool Valve
Single Braking Padel
Tire: 17.5-25-12PR-L-3
STD Cab
Air Conditioner
GP Bucket 2.1m³

Option Equipment
GP Bucket 1.8m³ I 2.1m³ (With Wear Plate)
GP Bucket 1.8m³
Enlarged Bucket 2.2m³ I 2.5m³
Rock Bucket 1.5m³
Tire: 17.5-25-20PR-L-5 (Mine)
Tire: 17.5-25-12PR (Desert)
Tire: 17.5-25-20PR-L-3 (Quarry)
Antifreeze for Low-Temperature Areas
Wear Plate (3 Pieces)
Rotating Beacon (LED)
Rear-View Monitoring System
GPS (Selected according to the target country)
Tbox
Electric Fan
Integrated DC Charging Pile (40/80/120/240/320/360kW)

* SDLG reserves the right to change specifications and materials at any time without prior notification. Features of the machine in photos may include additional equipment.If you need more information and available options, please contact your local distributor or SDLG.

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Reliability in Action

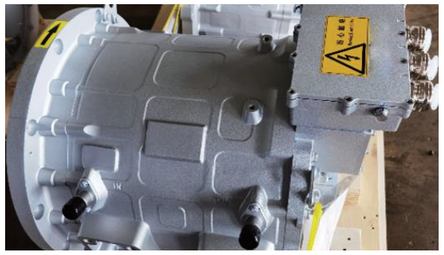
L936H EV

Electric Wheel Loader

EFQM

Reliable components

- **Battery**: Advanced lithium-ion battery technology is adopted, featuring high unit energy density. It has significant advantages in terms of battery capacity, safety, charging and discharging, and cruising-range energy.
- **Motor**: The travel motor is directly connected to the transmission, with a simple structure. There is no need for a converter or a torque converter, resulting in higher reliability.
- **Electric Control**: The electric control platform is reasonably built, with a high degree of autonomy and precise control. Secondary settings and adjustments can be made according to customer needs.
- **Electric Drive Transmission**: Equipped with an independently developed electric drive axle, which optimizes the power transmission route of the electric loader. The whole-machine dynamic performance is excellent, with fast acceleration, rapid response, stepless speed change, automatic gear-shifting, and smooth and comfortable operation.





Stable Operation

- The machine is heavy, ensuring stable operation. It has a large battery capacity, high power, and long cruising-range.
- It adopts dual-port inverted charging, which is convenient, fast, and efficient.
- **Hydraulic Oil Braking**: Hydraulic oil is used as the braking medium. It has a high boiling point and is equipped with a radiator and a fluid-filling valve. The braking pressure is high, the braking torque is large, and the braking is more reliable.



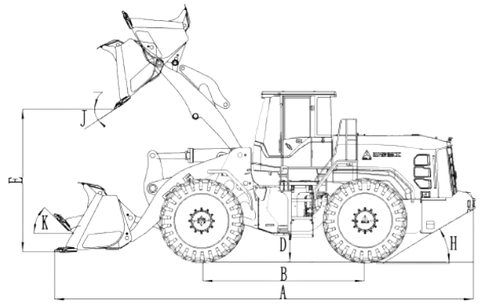

Comfort And Easy Maintenance

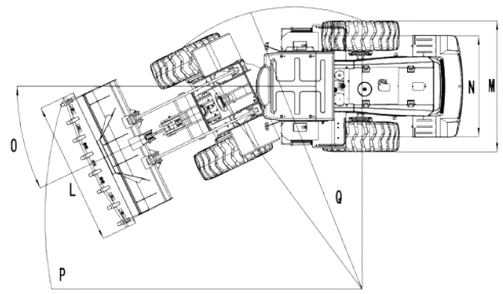
- Equipped with an intelligent control system based on deep learning. The system can automatically adjust power output according to load, vehicle speed, and other conditions, resulting in high operation efficiency.
- It has an independent battery air-conditioner, which is separate from the air-conditioner in the cab. When the in-cab air-conditioner is on, it does not affect the battery's heat dissipation, thus prolonging the battery life.
- It adopts a Lin-Hi-Generation cab, designed with ergonomics. The vertical-layout control buttons are within easy reach. The cab has a large space and good visibility.
- Equipped with a high-grade floating seat, which can be adjusted in multiple angles and dimensions. The color multifunctional instrument is luxurious and high-end.
- The in-cab air-conditioner can switch between cooling and heating, which is very convenient.
- The battery is equipped with additional protection, which is dust-proof and waterproof, improving the safety factor during vehicle washing.





L936H EV Main parameter





Item	Parameter	Item	Parameter	Item	Parameter
Overall Dimensions		**Hydraulic System**		**Electric System**	
Length × Width × Height (A×L×C)	7380×2520×3170mm	Type Of Working Device	Hydraulic Pilot Control	Battery Type	Lithium Iron Phosphate Battery
Wheelbase (B)	2850mm	Cycle Time	≤10s	Battery Capacity	180.5kW·h
Minimum Ground Clearance (D)	370mm	Working Pressure Of Working Device	20.7MPa	Battery Voltage	521V
Maximum Dumping Height (E)	2950mm	**Braking System**		Charging Type	DC
Corresponding Dumping Distance (G)	1050mm	Service Brake Type	Full Hydraulic Brake	Battery Endurance Life	6h
Dumping angle (J)	-45°	Parking Brake Type	Handbrake	**Steering System**	
Horizontal Passing Radius(Outside of Bucket, P)	6065mm	**Driving System**		Type Of Steering System	Load-Sensing Full Hydraulic Articulated Steering
Minimum Turning Radius(Outside of Rear Wheel, Q)	5250mm	Rated Power of Drive Motor	60kW	Working pressure of steering system	16MPa
Overall Machine Parameters		Rated Torque of Drive Motor	843N.m	**Service Capacities**	
Bucket Capacity	1.5~3.0m³	Peak Power of Drive Motor	90kW	Hydraulic Oil	128L
Rated Load	3800kg	Peak Torque of Drive Motor	1700N.m	Battery Cooling	13L
Operating Weight	11500kg	Transmission Type	Planetary Power Shift	Motor Cooling	22L
Maximum Traction Force	100kN	Gears	F2R1	Front/Rear Axle	18 L / 18L
Maximum Breakking Force	100±3kN	Main Drive Type	First Reduction Of Spiral Bevel Gear	Traveling Motor Gearbox	20L