



U203HEV

Utility Terrain Vehicle
700 kg (1,543 lbs) | 24 kWh

● Highlights

- U203HEV is fixed with a safe and reliable Lithium iron phosphate battery, delivering powerful output, running with low noise, and reaching zero emissions.
- The unit is equipped with a high-efficiency permanent magnet synchronous motor, offering greater traction force than a diesel one to adapt to various kinds of rough terrain.
- The distributed layout of the pump, motor, and solenoid valve enables fully electronic control, allowing for smooth switching between forward and reverse directions, and also improving operational precision and responsiveness.
- Utilizing a dual-circuit system with proportional pump-mode braking, the service brake offers smooth deceleration and easy operation in all conditions, which enhances both driver comfort and safety.
- It supports multiple charging methods, including portable cable, AC charging station, and DC charging station, and is capable of a full charge in as little as 1 hour.
- The cab is equipped with zoned air conditioning, one-touch window lifts, and an assisted steering wheel return function, enhancing the driver's operating experience and comfort.



Reliability In Action

U203HEV

Specification

Battery & Drivetrain

Battery type		LFP
Battery capacity	kWh	24
Voltage platform	V	358.4
Motor type		PMSM
Rated power	kW (hp)	20 (26.8)
Drivetrain system		HST
Driving system		2WD/4WD
Shift selection		Hi-Lo range forward, reverse, neutral
Front differential		Limited slip differential
Rear differential		Electronic differential lock

Steering & suspension

Steering		Electrical power steering (EPS)
Front suspension		Double A-arm suspension with adjustable spring preload
Rear suspension		Double A-arm suspension with adjustable spring preload
Brake system		Wet-disk brakes
Parking system		Wet-disc brakes
Tire		27×11-14/6PR

Performance

Max.speed	km/h (mph)	50 (31)
Towing capacity	kg (lbs)	1,143 (2,520)
Payload capacity	kg (lbs)	700 (1,543)
Cargo bed capacity	kg (lbs)	500 (1,102)
Dumping system		Electrical power lift

Configuration

Body color		SDLG yellow and grey
Bottom guard		Full guard
Start method		Key
Seat belts		3-point
Additional features		Doors with a switch-lift glass, 4500lbs(Max.)electric winch, towing hook, front bumper

Dimensions

Overall length	mm (in.)	3,132 (123.3)
Overall width	mm (in.)	1,560 (61.4)
Overall height	mm (in.)	2,025 (79.7)
Operating weight	kg (lbs)	1,500 (3,307)
Wheelbase	mm (in.)	2,100 (82.7)
Minimum ground clearance	mm (in.)	300 (11.8)
Turning radius	mm (in.)	4,264 (167.9)
Cargo bed: Length × Width × Depth	mm (in.)	1,127 (44.4)×1,460 (57.5)×362 (14.3)
Cargo bed capacity	m³ (cu. ft.)	0.59 (17.3)
Cargo bed height (unloaded)	mm (in.)	830 (32.7)

*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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