



# E6225HeV

**SDLG Electric Excavator**  
**23.4 t (51,588 lbs) | 423 kWh**

## ● Highlights

- High-torque permanent magnet synchronous motor with strong power. The motor is efficiently matched with the hydraulic system for quick response.
- SDLG's exclusive electronic control system is adopted to connect all electrical components for real-time communication and control, monitor the operation status and safety of the whole machine, manage and optimize the power distribution, and increase the endurance.
- It has the characteristics of strong power, stable output, high working efficiency, low vibration and noise, long working life, fast charging, and Maintenance-free battery.
- 423kWh battery system (12 pieces) allows 1.5 hours charging for 6-10hours run time.
- The motor and hydraulic oil adopt ATS intelligent cooling system, custom back blowing and dust removal, and automatically control the fan speed according to the hydraulic oil temperature and water temperature during normal operation, which is energy-saving and efficient.
- 32t H-series ROPS cab as standard, protects the driver's safety and has large internal space.



**Reliability In Action**

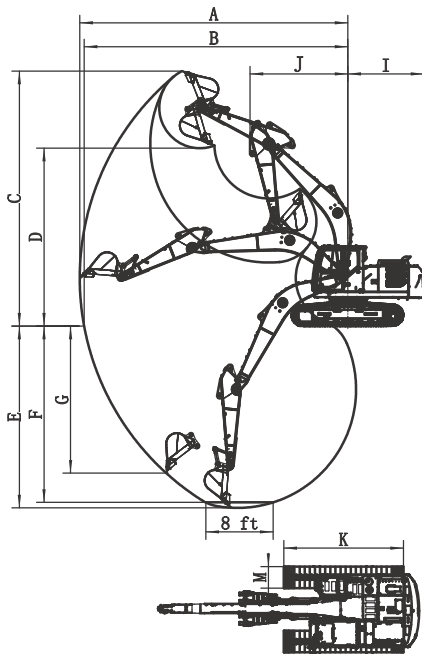


# E6225H<sub>EV</sub>

## Specifications

Operating weight	kg (lbs)	23,400 (51,588)
Rated voltage	V	618
Battery rated capacity	kWh	423
Rated power	kW (hp)	150 (204)
Average runtime	h	6-10
Charging hour	h	1.5
Pumps capacity	L/min (gal/min)	2*230+18 (2*60.8+4.8)
Main relief set pressure	bar (psi)	340 (4,930) / 355 (5,148)
Max. digging force of bucket	kN (lbf)	147.1 (33,069)
Max. digging force of arm	kN (lbf)	105.3 (23,672)
Travel low speed	km/h (mi/h)	3.5 (2.2)
Travel high speed	km/h (mi/h)	5.7 (3.5)
Gradeability	°	35
Swing speed	r/min	12.1
Ground pressure	kPa (psi)	35.1 (5.1)

## Dimensions



Boom length	mm (ft in)	5,700 (18' 8.4")
Arm length	mm (ft in)	2,900 (9' 6.2")
Bucket capacity	m <sup>3</sup> (yd <sup>3</sup> )	1.25 (1.64)
Overall shipping size (L * W * H)	mm (ft in)	9,720 (31' 10.6")*2,990 (9' 9.7")*2,940 (9' 7.7")
A Max. digging reach	mm (ft in)	9,940 (32' 7.3")
B Max. digging reach on ground	mm (ft in)	9,750 (31' 11.9")
C Max. cutting height	mm (ft in)	9,450 (31')
D Max. dumping height	mm (ft in)	6,650 (21' 9.8")
E Max. digging depth	mm (ft in)	6,730 (22' 1")
F Max. digging depth (horizontal 8 ft)	mm (ft in)	6,510 (21' 4.3")
G Max. vertical wall digging depth	mm (ft in)	5,830 (19' 1.5")
I Tail swing radius	mm (ft in)	2,970 (9' 9")
J Min. front swing radius	mm (ft in)	3,650 (11' 11.7")
K Undercarriage length	mm (ft in)	4460 (14' 7.6")
M Track width	mm (ft in)	600 (23.6")

\*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.



Congratulations SDLG for winning  
EFQM Global Excellence Award,  
one of the top three quality awards in the world.

**SDLG Europe B.V.**

## Member of the VOLVO Group since 2006

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Head Office: Kelvinstraat 4 Harderwijk Netherlands  
Website: [www.sdlg.com](http://www.sdlg.com) Email: [info@sdlgeu.com](mailto:info@sdlgeu.com)