



E655Hv

SDLG Electric Excavator
6 t (13,338 lbs) | 90 kWh

Highlights

- SDLG self-developed controller can realize real-time communication for multiple components, monitor the operation status of vehicle, manage and optimize the power distribution, improve safety level and endurance.
- The lithium iron phosphate battery with high safety performance and DC fast charging allows 1 hour charging for 4-6 hours run time.
- 7-inch touch screen to display the battery level and power, compatible with touch and keypad, integrated with data display of each module.
- Intelligent heat dissipation management system, independent fan control, built-in environment, motor, electric control temperature online monitoring system, intelligent fan speed scheduling, high efficiency and energy saving.
- Equipped with redundancy detection, insulation monitoring, high-voltage interlocking, charging safety detection and other functions, IP67 high flame retardant and electrical components are also used to ensure the electrical safety.



Reliability In Action

E655Hv

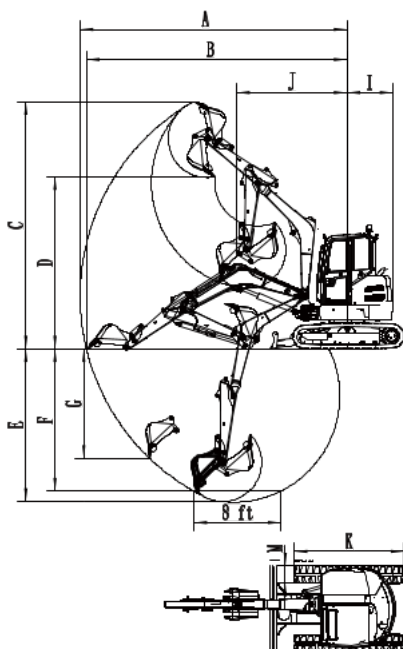
Specifi

cations

Operating weight Rated
voltage Battery rated capacity
Rated power Average runtime
Charging hour Pumps capacity
Main relief set pressure Max.
digging force of bucket Max.
digging force of arm Travel low
speed Travel high speed
Gradeability Swing speed
Ground pressure

kg (lbs)	6,050 (13,338)
V	521.64
kWh	90
kW (hp)	34 (46)
h	4-6
h	1
L/min (gal/min)	126 (33.3)
bar (psi)	215 (3,118)
kN (lbf)	45 (10,116)
kN (lbf)	27.5
km/h (mi/h)	2.4 (1.5)
km/h (mi/h)	4.8 (3)
°	20
r/min	11
kPa (psi)	34 (4.9)

Dimensions



Boom length	mm (ft in)	3,030 (9' 11.3")
Arm length	mm (ft in)	1,540 (5' 0.6")
Bucket capacity	m ³ (yd ³)	0.21 (0.28)
Overall shipping size (L * W * H)	mm (ft in)	6,165 (20' 2.7")*1,980 (6' 6")*2,557(8' 4.7")
A Max. digging reach	mm (ft in)	6,125 (20' 1.1")
B Max. digging reach on ground	mm (ft in)	6,000 (19' 8.2")
C Max. cutting height	mm (ft in)	5,818 (19' 1.1")
D Max. dumping height	mm (ft in)	4,095 (13' 5.2")
E Max. digging depth	mm (ft in)	3,862 (12' 8")
F Max. digging depth (horizontal 8 ft)	mm (ft in)	3,423 (11' 2.3")
G Max. vertical wall digging depth	mm (ft in)	2,725 (8' 11.3")
I Tail swing radius	mm (ft in)	1,820 (5' 11.7")
J Min. front swing radius	mm (ft in)	2,340 (7' 8.1")
K Undercarriage length	mm (ft in)	2,500 (8' 2.4")
M Track width	mm (ft in)	400 (15.7")

*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.



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

Member of the VOLVO Group since 2006

SDLG is member of the Volvo Group and a leading international manufacturer of construction machinery, and the national-level high-tech company, with a wide network of dealerships and service workshops throughout the world.

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