XE60EV

Electric Hydraulic Excavator

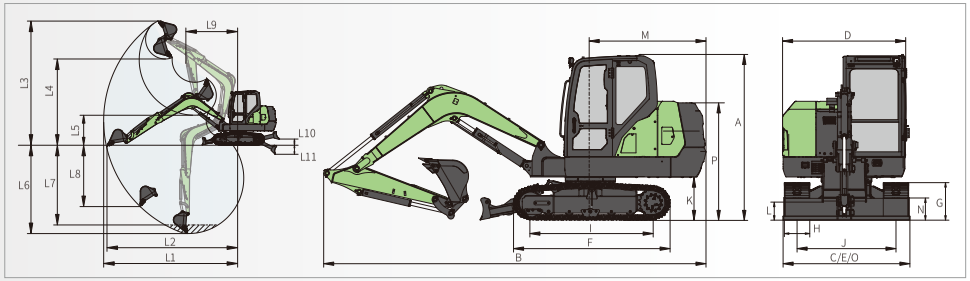
1. Zero emission and no pollution
2. Panoramic sunroof for high comfort
3. Long battery life and fast charging
4. Safe, reliable and easy to maintain

- Operating weight (kg) : 6650
- Bucket capacity (m³) : 0.25
- Rated power (kW) : 30

Lifting point height (m)	Rated lifting capacity (kg) Lifting point radius (m)			Lifting radius	Rated lifting capacity (kg) Lifting point radius (m)			Lifting capacity	Lifting radius (m)
	1.5	3	4.5		1.5	3.0	4.5		
4.5				*990				870	3.8
3			870	750			630	530	4.88
1.5		1640	830	630		1160	580	430	5.24
0.0		1500	780	640		1030	540	440	5.08
−1.5	*2370	1480		810		1010		560	4.33

Lifting capacities marked with an asterisk (*) are limited by hydraulic capacity, see note 2.
Note 1 The lifting capacities in the table refer to the case where no external thrust intervention is included.
Note 2 The lifting capacities in the table should not exceed 75% of the minimum tipping load or 87% of the hydraulic capacity.
Note 3 The least stable position is on the side of the excavator.
Note 4 The lifting capacity table applies only to machines originally built and normally assembled by the manufacturer.
Note 5 The machine is rated for an operating mass of 6650 kg (146300 lb) , which includes 0.4 m (1.3 ft) steel tracks, a 3 m (9.8 ft) boom, a 1.6 m (5.4 ft) arm, all working fluids, and a 75 kg (165 lb) operator, exclusive of the bucket.
Note 6 Lifting capacity shall be in accordance with ISO 10567:2007.
Note 7 For all configurations of track specifications, the lifting capacity is kept within ±5%.

- XE60EV is suitable for landscaping, agricultural water conservancy, and municipal pipeline networks.
- It features zero emissions, low noise, environmentally friendly, stable and comfortable operation; The motor power is sufficient, the main pump displacement is large, and the working efficiency is high.
- Large capacity battery system and high-voltage platform bring low energy consumption and long battery life; The battery independent cooling system is stable and efficient.
- Touch screen, dynamic monitoring of working status make the operation intelligent and safe.



Item contents	Unit	Parameters
Working range		
L1 Maximum digging reach	mm	6130
L2 Maximum digging reach at GRP	mm	5990
L3 Maximum digging height	mm	5630
L4 Maximum unloading height	mm	3945
L5 Minimum unloading height	mm	480
L6 Maximum digging depth	mm	3830
L7 8 ft. level floor digging depth	mm	3395
L8 Maximum vertical digging depth	mm	2680
L9 Minimum swing radius	mm	2460
L10 Maximum lifting height of dozer blade	mm	390
L11 Maximum cutting depth of dozer blade	mm	560
Boom deflection angle (left)	-	75°
Boom deflection angle (right)	-	50°

Item contents	Unit	Parameters
Operating weight	kg	6650
Motor		
Motor type	-	Permanent magnet synchronous motor
Rated power	kW	30
Maximum torque	N·m	230
Cooling method	-	Liquid cooling
Battery pack		
Battery type	-	Lithium iron phosphate
Battery voltage	V	608.5
Battery capacity	kWh	105
Heating method	-	Liquid heating
Cooling method	-	Liquid cooling
Hydraulic system		
Main pump	-	1 × Variable pump
Maximum flow rate of main system	L/min	158.4
Main system pressure	MPa	24.7
Pilot system pressure	MPa	3.5
Travel system pressure	MPa	26
Swing system pressure	MPa	23
Main performance		
Travel speed (high/low)	km/h	4.2/2.4
Swing speed	r/min	10
Gradeability	-	35° (70%)
Ground specific pressure	kPa	36.3
Bucket digging force (SAE)	kN	48.3
Arm digging force (SAE)	kN	32.5
Maximum traction force	kN	73.5

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	2655
B Overall length	mm	6180
C Overall width	mm	2040
D Upper structure width	mm	1980
E Undercarriage width	mm	2040
F Track length	mm	2660
G Track height	mm	606
H Standard track shoe width	mm	400
I Track wheelbase	mm	2135
J Track gauge	mm	1600
K Counterweight ground clearance	mm	695
L Minimum ground clearance	mm	385
M Rear-end swing radius	mm	1865
N Dozer blade height	mm	350
O Dozer blade width	mm	2040
P Hood height	mm	1896

Item contents	Unit	Parameters
Oil capacity		
Hydraulic oil tank capacity	L	85
Cab standard		
ISO 10262 : 1998 (OPG)	-	√
ISO 12117-2 : 2008 (ROPS)	-	√
ISO 12117-2 : 2008 (TOPS)	-	√
Track		
Standard track shoe width	mm	400
Number of track shoes (per side)	-	42
Number of track roller (per side)	-	5
Number of track carrier roller (per side)	-	1
Standard		
Length of boom	mm	3000
Length of arm	mm	1600
Bucket capacity	m³	0.25 (General-duty bucket)
Optional		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m³	0.24 (General-duty bucket)