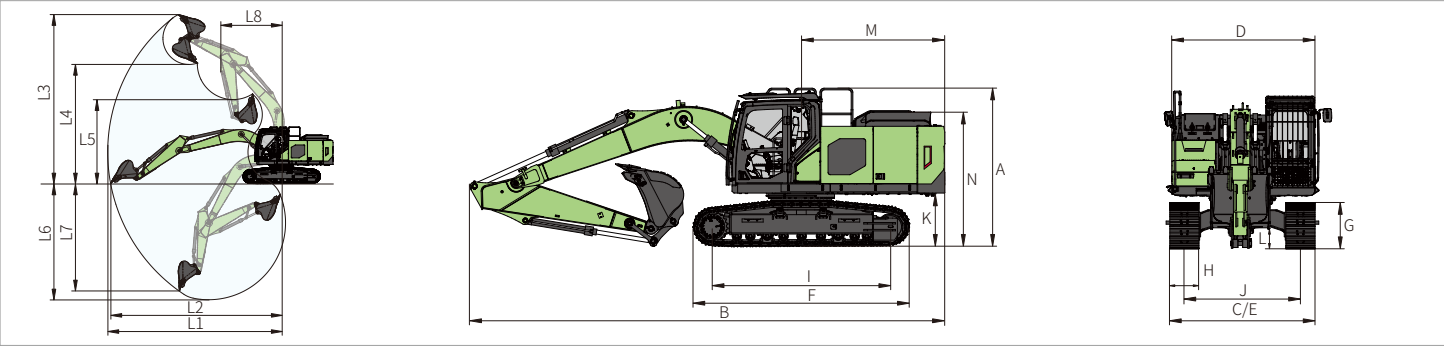


XE215EV

Electric Hydraulic Excavator

- Operating weight (kg) : 23500
- Bucket capacity (m³) : 1.1
- Rated power (kW) : 120

- Energy saving and efficient, with long-lasting battery life; Equipped with a large capacity 422.87kWh lithium iron phosphate power battery, a single full charge can support a range of 5-8 hours.
- Compact structure and flexible operation; Adopt a compact design with a small swing radius, suitable for operations in tunnels and enclosed spaces in factories.
- Master-level pipeline layout technology, worry-free maintenance. Follow the requirements of ergonomics, the layout of pipelines and high and low voltage wiring harnesses is reasonable, and maintenance is convenient.
- Comfortable driving, a brand new experience; Equipped with a 10-inch LCD instrument, integrated control panel, adjustable shock-absorbing seat, providing comfortable driving experience.
- Multi-level safety protection, reassured operation; 3-stage safety fault protection, real-time alarm, safe and comfortable operation.



Technical Specifications

Item contents	Unit	Parameters
Operating weight	kg	23500
Motor		
Motor model	-	TZ380XS044A
Motor type	-	PMSM
Rated power/rpm	kW/rpm	120/1900
Maximum torque/rpm	N-m/rpm	1100/3500
Cooling method	-	Liquid cooling
Battery pack		
Battery type	-	Lithium iron phosphate
Battery voltage	V	618
Battery capacity	kWh	422.87
Heating method	-	Liquid heating
Cooling method	-	Liquid cooling
Main performance		
Travel speed (high/low)	km/h	5.7/3.1
Swing speed	r/min	12
Maximum swing torque	kN-m	70
Gradeability	-	35° (70%)
Ground specific pressure	kPa	48.5
Bucket digging force (SAE)	kN	149
Arm digging force (SAE)	kN	111
Maximum traction force	kN	210
Track		
Standard track shoe width	mm	600
Number of track shoes (per side)	-	47
Number of track roller (per side)	-	8
Number of track carrier roller (per side)	-	2
Hydraulic system		
Main pump	-	2 × Variable pumps
Pilot pump	-	1 × Gear pump
Maximum flow rate of main system	L/min	2 × 221
Main system pressure	MPa	34.3
Main system pressure (power-max pressure)	MPa	37
Pilot system pressure	MPa	3.9
Travel system pressure	MPa	34.3
Swing system pressure	MPa	30
Hydraulic oil tank capacity	L	150

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	3145
B Overall length	mm	9720
C Overall width	mm	2990
D Upper structure width	mm	2940
E Chassis width	mm	2990
F Track length	mm	4253
G Track height	mm	950
H Standard track shoe width	mm	600
I Track wheelbase	mm	3452
J Track gauge	mm	2390
K Counterweight ground clearance	mm	1100
L Minimum ground clearance	mm	490
M Tail swing radius	mm	2950
N Hood height	mm	2772
Working range		
L1 Maximum digging reach	mm	9940
L2 Maximum digging reach at GRP	mm	9800
L3 Maximum digging height	mm	9620
L4 Maximum unloading height	mm	6780
L5 Minimum unloading height	mm	3035
L6 Maximum digging depth	mm	6680
L7 Maximum vertical digging depth	mm	6145
L8 Minimum swing radius	mm	3530
Cab standard		
ISO 10262 : 1998 (OPG)	-	√
ISO 12117-2 : 2008 (ROPS)	-	√
ISO 12117-2 : 2008 (TOPS)	-	√
Standard		
Length of boom	mm	5680
Length of arm	mm	2910
Bucket capacity	m³	1.1 <small>(Reinforced bucket)</small>
Optional		
Length of boom	mm	4200
Length of arm	mm	2400
Bucket capacity	m³	0.8~1.2 <small>(Earthmoving bucket)</small> 0.8~1.1 <small>(Reinforced bucket)</small> 0.8~1 <small>(Rock bucket)</small>

