

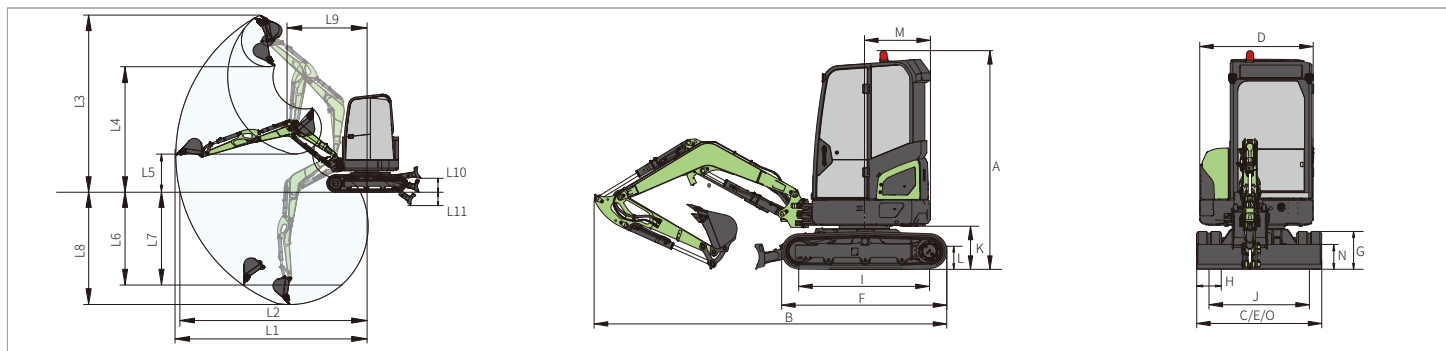
# XE27CR EV

## Electric Hydraulic Excavator



- Operating weight ( kg ): 2750
- Bucket capacity (  $m^3$  ): 0.06
- Rated power ( kW ): 16.1

- XE27CR EV adopts a 48V low-voltage platform and is equipped with a high-performance and large-capacity 23.5kWh lithium iron phosphate battery, which provides higher safety.
- The battery life is over 3 hours, and the spacious and ergonomic cab is equipped with heating and cooling air conditioner for better comfort.
- The machine is equipped with backup pipelines and electric proportional joysticks as standard. Combined with various attachments, it can satisfy the application requirements of various working conditions such as trenching, dredging, drilling, and tree planting.
- It is suitable for food processing, vegetable greenhouses, landscaping, farmland tillage, etc.



## Technical Specifications

Item contents	Unit	Parameters
Operating weight	kg	2750
<b>Motor</b>		
Motor type	-	Permanent magnet synchronous motor
Rated power	kW	16.1
Maximum torque	N·m	150
Cooling method	-	Natural cooling
<b>Battery pack</b>		
Battery type	-	Lithium Iron Phosphate
Battery voltage	V	51.2
Battery capacity	kWh	23.5
Heating method	-	Heating film
Cooling method	-	Natural cooling
<b>Hydraulic system</b>		
Main pump	-	1 × Variable pump
Maximum flow rate of main system	L/min	86.4
Main system pressure	MPa	24.3
Pilot system pressure	MPa	3.5
Travel system pressure	MPa	24.3
Swing system pressure	MPa	21
<b>Main performance</b>		
Travel speed ( high/low )	km/h	4.0/2.1
Swing speed	r/min	10
Gradeability	-	30° (58%)
Ground specific pressure	kPa	26.4
Bucket digging force (ISO)	kN	23
Arm digging force (ISO)	kN	14
Maximum traction force	kN	29.7
<b>Cab standard</b>		
ISO 10262 : 1998 (OPG)	-	√
ISO 12117-2 : 2008 (ROPS)	-	√
<b>Oil capacity</b>		
Hydraulic oil tank capacity	L	20
<b>Track</b>		
Standard track shoe width	mm	300
Number of track roller (per side)	-	3
Number of track carrier roller (per side)	-	1

Item contents	Unit	Parameters
<b>Dimensions</b>		
A Overall height	mm	2620
B Overall length	mm	4225
C Overall width	mm	1500
D Upper structure width	mm	1350
E Chassis width	mm	1500
F Track length	mm	1980
G Track height	mm	455
H Standard track shoe width	mm	300
I Track wheelbase	mm	1560
J Track gauge	mm	1200
K Counterweight ground clearance	mm	528
L Minimum ground clearance	mm	290
M Tail Swing Radius	mm	790
N Dozer blade height	mm	300
O Dozer blade width	mm	1500

<b>Working range</b>		
L1 Maximum digging reach	mm	4750
L2 Maximum digging reach at GRP	mm	4640
L3 Maximum digging height	mm	4390
L4 Maximum unloading height	mm	3120
L5 Minimum unloading height	mm	955
L6 8 ft. level floor digging depth	mm	2312
L7 Maximum vertical digging depth	mm	2310
L8 Maximum digging depth	mm	2800
L9 Minimum swing radius	mm	1980
L10 Maximum lifting height of dozer blade	mm	310
L11 Maximum cutting depth of dozer blade	mm	330
Boom deflection angle (left)	-	72°
Boom deflection angle (right)	-	55°

<b>Standard</b>		
Length of boom	mm	2090
Length of arm	mm	1300
Bucket capacity	m <sup>3</sup>	0.06 (Earthmoving bucket)

<b>Optional</b>		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m <sup>3</sup>	0.026 (Earthmoving bucket) 0.13 (Ditch cleaning bucket)

