

LIUGONG

922FE

ELECTRIC EXCAVATOR

MOTOR TYPE

BATTERY

RATED STORAGE CAPACITY

MOTOR RATED POWER

STANDARD BUCKET CAPACITY

OPERATING WEIGHT

IPMSM

LFP

423 kWh

165 kW (221.3 hp)

1.0 m³

24,100 kg



B A T T E R Y E L E C T R I C V E H I C L E

TOUGH WORLD. TOUGH EQUIPMENT.

PERFORMANCE PARAMETERS

Operating Weight	24,100 kg
Std. Bucket Heaped Capacity (Referenced)	1.0 m ³
Maximum Travel Speed	5.3 km/h
Swing Speed	10.5 rpm
Drawbar Pull	220 kN
Bucket Digging Force (ISO)	152.5 kN
Arm Digging Force (ISO)	105 kN

ELECTRIC SYSTEM

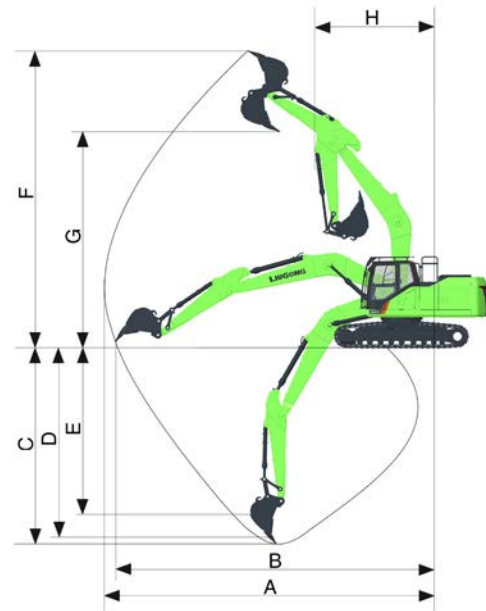
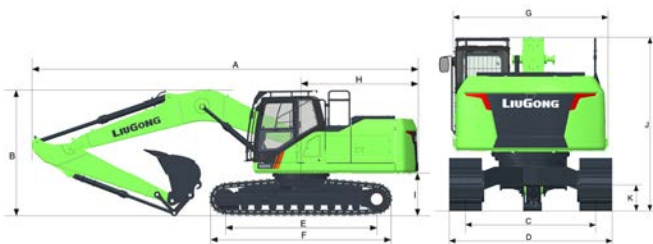
Motor Type	IPMSM
Battery	LFP
Rated Storage Capacity	423 kWh
Rated Voltage	618 V
Indicative Runtime	4-9 h
Charge Time	≥1.3 h
Charging Port	DC Charging
Number of Charging Port	2

UNDERCARRIAGE

Number of Shoes per Side	49
Number of Bottom Rollers per Side	8
Number of Upper Rollers per Side	2

DIMENSIONS

A Shipping Length	9,910 mm
B Shipping Height	2,985 mm
C Track Gauge	2,390 mm
D Undercarriage Width	3,090 mm
E Length to Center of Rollers	3,650 mm
F Track Length	4,440 mm
G Overall Width of Upper Structure	2,760 mm
H Tail Swing Radius	3,130 mm
I Counterweight Ground Clearance	1,060 mm
J Overall Height of Cab	2,980 mm
K Min. Ground Clearance	470 mm



WORKING RANGE

Boom Length	5,710 mm
Arm Length	2,915 mm
A Max. Digging Reach	9,890 mm
B Max. Digging Reach on Ground	9,720 mm
C Max. Digging Depth	6,700 mm
D Max. Digging Depth, 2.44 m (8') Level	6,540 mm
E Max. Vertical Wall Digging Depth	5,140 mm
F Max. Cutting Height	9,750 mm
G Max. Dumping Height	7,030 mm
H Min. Front Swing Radius	3,150 mm

HYDRAULIC SYSTEM

Main Pumps Total Flow	2 x 224 L/min
Relief Pressure, main	34.3 MPa
Relief Pressure, boost	37.3 MPa

SERVICE CAPACITIES

Cooling System	25 L
Hydraulic Reservoir	112 L
Hydraulic System Total	200 L