



SOLID TO SUCCEED

XC938 EV

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RATED POWER - 156 kW
PAYLOAD CAPACITY - 3500 kg
OPERATING WEIGHT - 11600 kg
BUCKET CAPACITY - 2.1 Cu.m

LOADER PERFORMANCE

Rated Power (kW)	156
Payload Capacity (Kg)	3500
Tipping Load (Kg)	>7000
Operating Weight (Kg)	11600
Bucket Capacity (Cu.m)	2.1
Bucket Breakout Force (kN)	105±5
Working Hours-General Conditions (Hrs)	8-10
Working Hours-Medium Conditions (Hrs)	6-8
Working Hours-Heavy-Duty Conditions (Hrs)	4-6

BATTERY

Battery Make	CATL
Battery Type	Lithium Iron Phosphate (LFP)
Battery Capacity (kWh)	180
Battery Voltage (V)	521.64
No. Of Batteries	6
Battery Protection level	IP68
Cooling Type	Liquid Cooling
Battery Charging Time (20%-100%) (Hrs)	1
Power consumption (kW/h)	26

ELECTRIC MOTOR

Motor Make	XCMG
Travel Motor Rated Power (kW)	120
Travel Speed (km/hr)	36F / 36R
Hydraulic Motor Rated Power (kW)	36
Total Rated Power (kW)	156
Protection Level	IP67

HYDRAULIC SYSTEM

Working Pump	Gear Pump
Working Pump Flow (L/Min)	195 L/Min
Work System Pressure (Mpa)	20.5 Mpa
Boom Lifting Time	≤5
Tipping Time	≤1
Boom Drop Time	≤2.5
Total Cycle Time	≤8.5

BRAKING SYSTEM

Service Brake Type	Hydraulic Braking
Parking Type	Hydraulic Clamp Disc

STEERING SYSTEM

Steering Pump	Gear Pump
Steering System Pressure (Mpa)	16
Steering Angle (°)	±38

DRIVE AXLE

Axle Make	XCMG
Axle Type	Dry Drive Axle
Rear Axle Oscillation (°)	12

SERVICE REFILL

Coolant - Motor (L)	30
Coolant - Battery (L)	11.5
Front Axle (L)	15.5
Rear Axle (L)	15.5
Hydraulic System (L)	125

TYRES

Tyre Size	17.5-25
Front Wheel Air Pressure (Mpa)	0.38~0.40
Rear Wheel Air Pressure (Mpa)	0.32~0.34

DIMENSIONAL SPECIFICATION

Wheel Base (mm)	2900
Overall Length (mm)	7710
Overall Width (mm)	2482
Overall Height (mm)	3225
Dump Angle (°)	45
Dump Height (mm)	2930
Dump Reach (mm)	1070
Total working height (mm)	5245
Hinge Pin Height (mm)	4110
Turning Radius, Outside of Tyre (mm)	5370
Turning Radius, Bucket Carry (mm)	6055
Track Width (mm)	1850
Digging Depth (mm)	78
Ground Clearance (mm)	365
Max Gradeability (°)	28

