



SOLID TO SUCCEED

XC968 EV

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RATED POWER	- 270 kW
PAYLOAD CAPACITY	- 6000 kg
OPERATING WEIGHT	- 19370 kg
BUCKET CAPACITY	- 4.0 Cu.m

LOADER PERFORMANCE

Rated Power (kW)	270
Payload Capacity (Kg)	6000
Tipping Load (Kg)	12000
Operating Weight (Kg)	19370
Bucket Capacity (Cu.m)	4.0
Bucket Breakout Force (kN)	180
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)	350
Battery Voltage (V)	579.6
No. Of Batteries	10
Battery Protection level	IP67
Cooling Type	Liquid Cooling
Battery Charging Time (20%-100%) (Hrs)	1
Power Consumption (kW/h)	37

ELECTRIC MOTOR

Motor Make	XCMG
Travel Motor Rated Power (kW)	100 x 2 Nos
Travel Speed (km/hr)	36F / 36R
Hydraulic Motor Rated Power (kW)	70
Total Rated Power (kW)	270
Protection Level	IP67

HYDRAULIC SYSTEM

Working Pump	Gear Pump
Working Pump Flow (L/Min)	400
Work System Pressure (Mpa)	20.5
Boom Lifting Time	5
Tipping Time	1.2
Boom Drop Time	3.5
Total Cycle Time	≤9.7

BRAKING SYSTEM

Service Brake Type	Hydraulic Braking
Parking Type	Hydraulic Clamp Disc

STEERING SYSTEM

Steering Pump	Gear Pump
Steering System Pressure (Mpa)	19.5
Steering Angle (°)	±38

DRIVE AXLE

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

SERVICE REFILL

Coolant - Motor (L)	48
Coolant - Battery (L)	15
Front Axle (L)	47
Rear Axle (L)	26.5
Hydraulic System (L)	145

TYRES

Tyre Size	23.5-25
Front Wheel Air Pressure (Mpa)	0.38~0.40
Rear Wheel Air Pressure (Mpa)	0.32~0.34

DIMENSIONAL SPECIFICATION

Wheel Base (mm)	3350
Overall Length (mm)	8810
Overall Width (mm)	2996
Overall Height (mm)	3505
Dump Angle (°)	45
Dump Height (mm)	3070
Dump Reach (mm)	1240
Total working height (mm)	5665
Hinge Pin Height (mm)	4150
Turning Radius, Outside of Tyre (mm)	6290
Turning Radius, Bucket Carry (mm)	6985
Track Width (mm)	2250
Digging Depth (mm)	90
Ground Clearance (mm)	420
Max Gradeability (°)	27

