

SHANTUI

LE60-X5 CE

Battery Electric Loader



Battery capacity	357 kW/h
Charging time	20%-95% about 1.25h (Charging power 240kW)
Battery life	6-10 h
Operating weight	19,100 kg

Performance delivered more than you expect
transmission efficiency is 20% higher, Eco-friendly

LE60-X5 CE TECHNICAL PARAMETERS

POWER BATTERY SYSTEM

Battery type Lithium iron phosphate

Rated energy (kWh) 357

Rated capacity (Ah) 664

Rated voltage (V) 537.6

Operating voltage range (V) 336-621.6

Max. continuous charging current (A) 400

Max. continuous discharging current (A) 400

Endurance (h) 6-10

Temperature control mode Liquid cooling, PTC heating and intelligent temperature control system

Recommended charging pile power (kW) 120/240/300

Charging time (h) 20%-95% about 1.25h (Charging power 240kW)

Applicable altitude (m) 0-4000

Applicable ambient temperature (°C) -20~60

Waterproof and dustproof grade IP68

DRIVE MOTOR

Rated power (kW) 100

Max. power (kW) 200

Rated torque (Nm) 1200

Max. torque (Nm) 2400

Temperature control mode Water cooling, intelligent temperature control

Applicable altitude (m) 0-4000

Applicable ambient temperature (°C) -20~60

Dustproof and waterproof grade IP67

WORKING MOTOR

Rated power (kW) 80

Max. power (kW) 160

Rated torque (Nm) 400

Max. torque (Nm) 800

Temperature control mode Water cooling, intelligent temperature control

Applicable altitude (m) 0-4000

Applicable ambient temperature (°C) -20~60

Dustproof and waterproof grade IP67

WORKING HYDRAULIC SYSTEM

Type Constant variable double pump confluence

Operation mode Electro-hydraulic ratio

Working pump displacement (ml/r) 112

STEERING HYDRAULIC SYSTEM

Type Traffic amplification steering

Displacement of steering gear (ml/r) 200

Steer pump displacement (ml/r) 100

BRAKE SYSTEM

Service brake Full hydraulic brake

Parking brake Hydraulic drum type

Brake pump displacement (ml/r) 16

TRANSMISSION FORM

Type of transmission Electronically controlled fixed shaft gearbox

Transmission model F2E280-B

Transmission gears Forward-2/Backward-2

Drive axle type Wet bridge with LSD

Speed ratio of drive axle 20.86

Tire specification 23.5-25-20PR

MACHINE PARAMETERS

Rated load capacity (kg) 6000

Rated power (kW) 180

Operating mass (kg) 19100

Bucket capacity (m³) 3.0

Max. breakout force (kN) 185

Max. traction force (kN) 160

Power battery capacity (kwh) 357

Lifting time (s) ≤5.5

Dumping time (s) ≤1

Lowering time (s) ≤3

Total cycle time (s) ≤9.5

Length (mm) 8930

Width (mm) 3030

Height (mm) 3440

Wheelbase (mm) 3400

Tread (mm) 2250

Distance from articulation center to rear wheel center (mm) 1750

Min. ground clearance (mm) 440

Rear overhang distance (mm) 2300

Departure angle (°) 27

Steering angle (°) 35

1st gear speed/2nd gear speed (km/h) 13.5/38

Turning radius (tire center) (mm) 6535

Passing radius (outside of bucket) (mm) 7640

* THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONAL CONFIGURATION. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.



Shantui Social

SHANTUI CONSTRUCTION MACHINERY CO., LTD.

ADD: NO. 58, G327 HIGHWAY, HI-TECH ZONE, JINING CITY, SHANDONG, CHINA

TEL: +86-537-2909369 FAX: +86-537-2311219

EMAIL: trade@shantui.com WEB: www.shantui.com

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