

SHANTUI

LE20-X5 CE

Battery Electric Loader



Battery capacity	70.5 kW/h
Charging time	20%-95% about 1h
Battery life	6-8 h
Operating weight	6,500 kg

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

LE20-X5 CE TECHNICAL PARAMETERS

POWER BATTERY SYSTEM

Battery type	Lithium iron phosphate
Rated energy (kWh)	70.5
Rated capacity (Ah)	228
Rated voltage (V)	309.12
Operating voltage range (V)	240-350.4
Max. continuous charging current (A)	200
Max. continuous discharging current (A)	228
Endurance (h)	6-8
Temperature control mode	Liquid cooling, PTC heating and intelligent temperature control system
Recommended charging pile power (kW)	80
Charging time (h)	20%-95% about 1h
Applicable altitude (m)	0-4000
Applicable ambient temperature (°C)	-20~60
Waterproof and dustproof grade	IP68

DRIVE MOTOR

Rated power (kW)	65
Max. power (kW)	150
Rated torque (Nm)	285
Max. torque (Nm)	600
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)	26
Max. power (kW)	52
Rated torque (Nm)	120
Max. torque (Nm)	250
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	Variable single-pump
Operation mode	Electro-hydraulic ratio
Working pump displacement (ml/r)	50

STEERING HYDRAULIC SYSTEM

Type	Coaxial flow amplification steering
Displacement of steering gear (ml/r)	400
Steer pump displacement (ml/r)	50

BRAKE SYSTEM

Service brake	Full hydraulic brake
Parking brake	Hydraulic clamp discs
Brake pump displacement (ml/r)	16

TRANSMISSION FORM

Type of transmission	Single-stage gearbox
Transmission model	R1-80NSIA
Transmission gears	Forward-1 /Reverse-1
Drive axle type	Wet bridge with LSD
Speed ratio of drive axle	15.426
Tire specification	16/70-20-14PR

MACHINE PARAMETERS

Rated load capacity (kg)	2000
Rated power (kW)	91
Operating mass (kg)	6500
Bucket capacity (m³)	1.2
Max. breakout force (kN)	50
Max. traction force (kN)	50
Power battery capacity (kwh)	70.5
Lifting time (s)	5
Dumping time (s)	1
Lowering time (s)	3.5
Total cycle time (s)	9.5
Length (mm)	6300
Width (mm)	2270
Height (mm)	2600
Wheelbase (mm)	2300
Tread (mm)	1550
Distance from articulation center to rear wheel center (mm)	1200
Min. ground clearance (mm)	305
Rear overhang distance (mm)	1530
Departure angle (°)	28
Steering angle (°)	38
1st gear speed/2nd gear speed (km/h)	14/35
Turning radius (tire center) (mm)	4337
Passing radius (outside of bucket) (mm)	5130

* 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

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