



SUNBELT
RENTALS®

VOLVO ERC 2.5T ELECTRIC EXCAVATOR

The Volvo ECR25 delivers the same powerful performance as a fuel powered model, but with all the benefits you've come to expect from battery and electric technology.

With zero emissions and low noise it's ideally suited to night work, urban areas, enclosed spaces and environmentally sensitive sites or low emission zones.

Go where others can't and complete tunnel and underground works safely, without the need for fume extractors. The significantly lower noise means a better working environment for both operators and those around, allowing you to reduce noise pollution, and comply with restrictions in noise sensitive areas.

As long as there's a sustainable power supply on site, it's simple to charge.

The onboard 230v charger will deliver a full charge in as little as 5 hours. The ECR25 is designed to deliver a standard day's work, on a single charge, that's 7-8 hours intermittent use or 4 hours continuous use.

**ZERO
EMISSIONS**

**LOW
NOISE**

**100%
ELECTRIC**



0330 433 1766
enquiries@sunbeltrentals.co.uk
www.sunbeltrentals.co.uk

2.5T Volvo ECR25 Electric Excavator



On board Charging (standard household socket)

110v/15A	10 hours
230v/8A	10 hours
230v/10A	8 hours
230v/13A	6 hours

On board Charging (single phase socket)

230v/16A	5 hours
----------	---------

Electrical system

Battery Type	Lithium-ion
Battery Voltage	48V
Battery capacity (full package)	20 kWh 450 Ah
Indicative runtime (depending on application)	4 hours continuous 7-8 hours intermittent
Auxiliary Battery Voltage	12 V
Auxiliary Battery capacity	70 Ah
Alternator	12/40 V/Ah

Electrical motor

Motor power (peak)	18 kW
Motor power (continuous)	14.7 kW
Operating mode max. / Standard	r/min 2 050
Operating mode max. / Eco	r/min 1 800
Operating mode max. / Boost	r/min 2 400

Digging Performances

Bucket rotation	205 °
Bucket breakout force (ISO)	2 233 daN
Long arm tearout force (ISO)	1 497 daN
With long arm	1 350 mm

Swing system

Max, slew speed	9.4 r/min
Max, slew torque	485 daNm

Hydraulic system

Maximum system flow	58 l/min
Maximum flow for accessories	50 l/min
Maximum pressure for accessories	25 MPa
Maximum flow for 2nd accessory circuit	23 l/min
Maximum operating pressure	25 MPa

Undercarriage

Rubber track width	300 mm
Bottom/top rollers per side	3 / 1
Blade (width x height)	1 550 x 312 mm

Travel System

Max, drawbar pull	1 984 daN
Max. travel speed low	2.4 km/h
Max. travel speed high	4.5 km/h
Gradeability	30 °

Service Refill

Hydraulic system, total	33 l
Hydraulic tank	23 l

Sound Level

Interior sound level according to ISO 6396	
LpA	74 dB
External sound level according to ISO 6395 and EU Noise Directive	
LWA	84 dB

Weight and Ground Pressure

Operating weight according to ISO 6016	2 730 kg
Ground pressure (cab)	28.4 kPa
Transport weight	2 655 kg