

TEST REPORT



HUSQVARNA 540i XP

Test no: 10252

OWNER OF TEST CERTIFICATE:

Husqvarna AB
Drottninggatan 2
SE-561 82 Huskvarna
www.husqvarna.com



Battery BLi 200



Quick Charger QC 500



Test results and evaluations

Applicant: Husqvarna AB; Drottninggatan 2; SE-561 82 Huskvarna

Chain saw Husqvarna T540i XP with battery Bli200x and Quickcharger QC 500

Practical applications and measurements with 0.325" cutting attachment with 36 cm cutting length.

Suitability		
Chainsaw for tree service in the power range up to 2 kW, for professional use.		
Field of application		
	Battery-powered chain saw for tree service. Use exclusively for tree care work by specially trained personnel. Not suitable for conventional chain saw work (e.g., felling, limbing, cutting to length).	n.e.
Emissions		
Noise	Equivalent sound pressure level at ear 92 dB.(A) Sound power level, measured 101 dB.(A)	o
Vibration	Measurements according to EN 22867 - Front handle : 2,1 m/s ² - Rear handle: 3,5 m/s ²	o
Operation, maintenance and product safety		
Starting	1) Actuation of start/stop button 2) Actuation of the slide lock to release the throttle lever lock 3) Operation of throttle lever lock 4) Operation of throttle lever Time-delayed switch-off if not actuated. Low operating forces, energy-saving function (savE) can be switched on by push-button to extend battery life while at the same time reducing battery power.	+
Operating elements	Clearly arranged, easy to reach, good operation even with gloved hands	+
Operating status display	Through LED in operation	+
Mounting the saw chain	Sprocket cover with captive fastener can be released with tools	o
Available cutting attachments	Cutting attachments available in cutting lengths between 30 cm and 40 cm with different chain pitches.	+
Chain tension	On the sprocket cover. Tool required. Frequent retensioning required.	-
Connectivity	Wireless via Bluetooth	n.e.
Filling of the oil tank	Fuel filler cap with folding bracket. Easily accessible. No tools required. Fill level control through transparent tank.	+
Battery		
Charging power	With QC500 charger 54 min to 100 % battery capacity.	o.B.
Constant energy out-	No throttling of power when battery is low	o

put		
Energy content	174 Wh/kg	n.e.
Bad weather operation	IP X4 certified for splash water, operation in rain is discouraged in the manual	+
Status display	Bar graph display with 4 LEDs	+
Locking device	Easy to remove from the side with gloves, safety lock	+
Fault tolerance	No abnormalities in the course of the examination, low wear of the battery drawer	+
Interchangeable battery system	Batteries with different battery capacities, downward compatible	+
Charger		
Charging technology	Fast charger with active battery cooling and temperature monitoring.	+
Operational safety	No abnormalities in the course of the examination, little soiling of the battery drawer	+
Maintenance and care		
Chain saw	Few, easily accessible maintenance points Increased cleaning effort when working with air inlet cover, can be cleaned dry or wet	+
Battery / Charger	Low cleaning effort, smooth surfaces	n.e.
Operational safety		
Damage detected during the test period	A failure due to faulty electronics of the saw. A failure due to the cable connection in the saw disconnecting itself.	+
Manual		
Execution	Available as pdf or as print, illustrated, adapted to the conditions in practice, conclusive	+
Product safety		
	Type examination (CB test) by notified body available	o
Environmental sustainability		
	No eco-label available	o

Rating: ++ / + / o / - / --. / (o = Standard / NE= no evaluation, complies with tolerance value)

Technical data (measured values)		
Length	Including cutting attachment 36 cm	645 mm
	Engine unit without spiked bumper	305 mm
Width	Engine unit	135 mm
	With front handle	200 mm
Height	Engine unit	210 mm
	With hand guard	235 mm
Stump height	Sprocket cover	25 mm
Tank capacity	Lubricant	200 ml
Empty weight (w/o battery Akku)	Including cutting attachment 38 cm	3,0 kg
	Without cutting attachment	2,4 kg
Battery Bli200x	Weight	1,3 kg
	Capacity	5 Ah
	Energy content	180 Wh
Quick Charger QC500	Weight	1,0 kg
	Supply voltage	230 V
Cutting performance		
Cutting performance	Maximum 52 cm²/sec. (cutting spruce logs approx. Ø 25 cm) 91 cuts/per load (cutting spruce logs approx. Ø 25 cm)	
Engine data		
<ul style="list-style-type: none">• Maintenance-free brushless DC motor• Supply voltage 36 V• Infinitely variable• Max. chain speed Chain speed 21 m/s (with cutting set, chain tensioned according to manufacturer's specifications)		

In acknowledgement of the results of the test carried out by the KWF the approved product is also entitled to carry the following test marks: "DLG anerkannt"

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Test committee equipment and tools
Chairman: Dr. Johannes Windisch,
Regensburg

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Practical work with professional users

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