

elebia®

smart lifting solutions



NEO50 & NEO60 Lifting Hook

The NEO50 & NEO60 lifting hook has been designed as a solution for lifting and transporting any load, as well as for oversized lifting points of up to 130mmØ. With its 50,000 kgs. (110,231 lbs) / 60,000 kgs. (132,277 lbs.) lifting capacity and advanced safety and productivity features, the NEO50/NEO60 lifting hook is the smartest solution yet



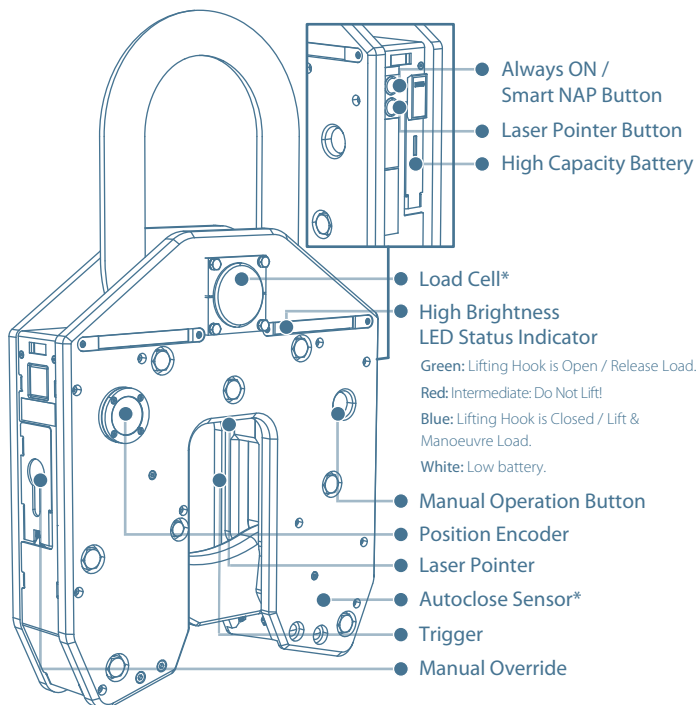
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Stevedore, windpower, steel mills, mining, aeronautics, nuclear, construction... No matter what your industry is **elebia will boost the safety and productivity of your cranes.**

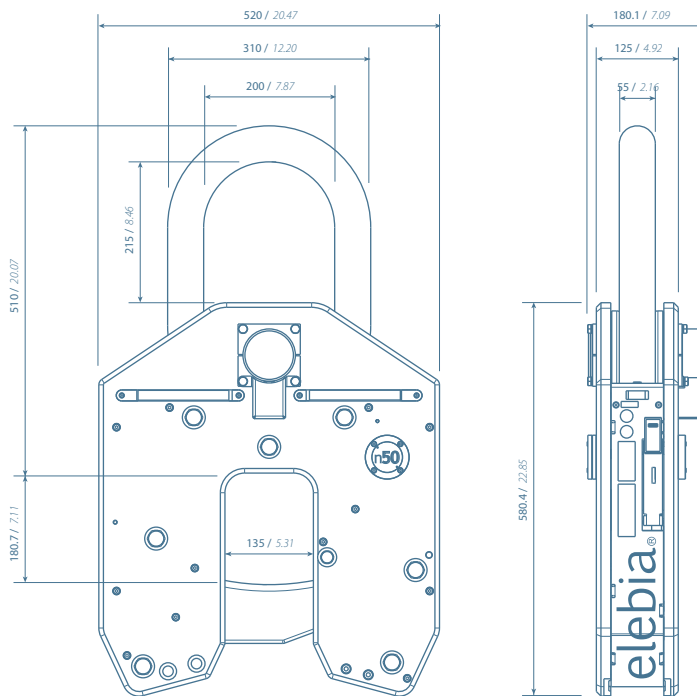
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Main Features of the NEO50 & NEO60 Lifting Hooks

WORKING LOAD LIMIT **NEO50** 50,000 kgs. / 110,231 lbs. **NEO60** 60,000 kgs. / 132,227 lbs.



* This feature is optional



mm / inches

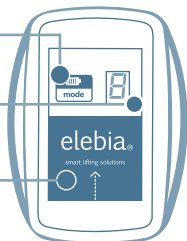
Remote Control



Mode button: opens the lifting hook

Display Information

elebia button: closes the lifting hook

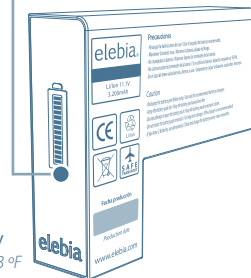


Power Supply	3V lithium battery (CR2032)
Available Code Combinations	65,536 different combinations
Detection of Errors in Transmission	2 CRC bytes + Forward Error Correction
Buttons	2
Frequency Selection	1
Frequencies	868 MHz / 924.1 MHz
Communication	Bi-directional return of receiver battery status
Radiated Power	under 5dBm
Antenna	Printed circuit
Range	100 metres / 330 feet
Consumption at Rest	
/ Transmission Operation	5 uA / 20 mA
Working Temperature	-20 °C to 85 °C / -4 °F to 185 °F
Dimensions	Minitel box (68 x 52 x 17 mm / 2.68 x 2.05 x 0.67 inches)

Battery - High capacity: 3 hour charge – 5,000 cycles / 250 hours in standby mode

Charge Indicator

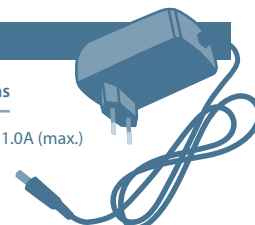
Technology	Rechargeable Li-Ion
Maximum Voltage	12.4 V DC
Nominal Voltage	10.95 V DC
Nominal Capacity	3.2 Ah DC
Protection Circuit	Charge, Discharge, Overvoltage
Maximum Discharge Current	6.4 A
Heat Protection	Thermal 70 °C / 158 °F
Charge Indicator	Eink 14 Segment Display
Temperature (Charge)	0 °C to 45 °C / 32 °F to 113 °F
Temperature (Discharge)	-20 °C to 50 °C / -4 °F to 122 °F
Temperature (Idle)	-20 °C to 60 °C / -4 °F to 140 °F
Weight	150 g / 5.29 oz



220V Charger

Specifications Technical Specifications

Input Voltage	100-240 V AC / 50-60Hz. 1.0A (max.)
Output	12.6 V DC / 1.2 A
Charge Indicator	No
Charge Complete Indicator	No



Regulatory Standards

NEO50	NEO50 & NEO60
- EN 10204 3.1.B	- UNE-EN 60204-1:2007
- UNE-EN 1050	- UNE-EN 61000-6-4:2007
- UNE-EN 13135:2013	- UNE-EN 61000-6-2:2006
- UNE-EN 60730-1:2013	- UNE-EN ISO12100:2012
- ETSI EN 300 220-1 V3.1.1	
- ETSI EN 300 220-2 V3.1.1	
- ETSI EN 303 446-1 V1.1.0	
- ETSI EN 303 446-2 V1.1.0	
	NEO60
	- UNE-EN 13155:2004 + A2

- Directive on Machine Safety (D2006/42/EC)
- EMC Directive (2014/30/EU)
- Low Voltage Directive (2014/35/EU)
- Radio Equipment Directive (2014/53/EU)
- Assurance of Production Quality in accordance with ISO9001.
- ARIB Construction Design Certification Number 203-JN0689.
- FCC Identifier 2ACLHEVO for Equipment Class: Digital Transmission System.

