

# elebia®

smart lifting solutions



## NEO100 Lifting Hook

The NEO100 lifting hook is our latest solution for lifting and transporting any load, as well as for oversized lifting points of up to 180mmØ. Capable of lifting up to 100,000 kgs. (220,462 lbs.), with a 4:1 safety factor and advanced safety and productivity features, this is our biggest hook yet!

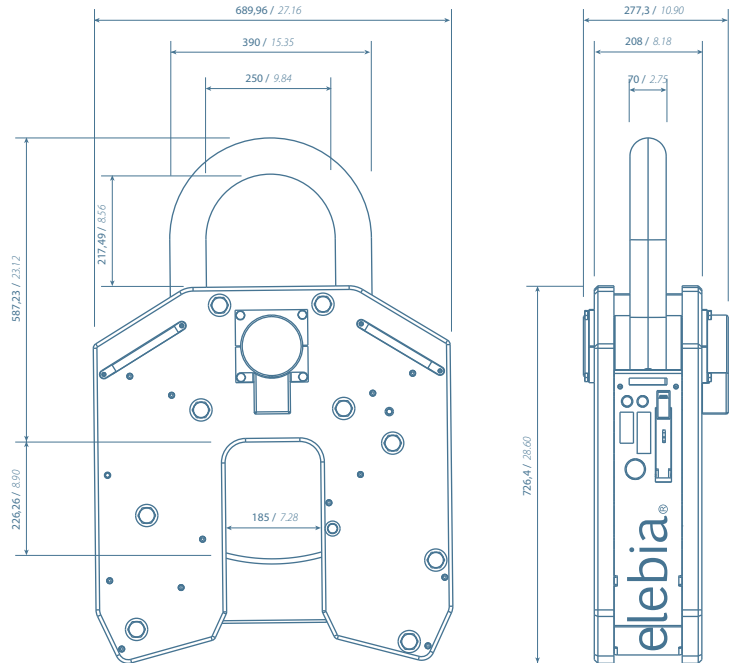
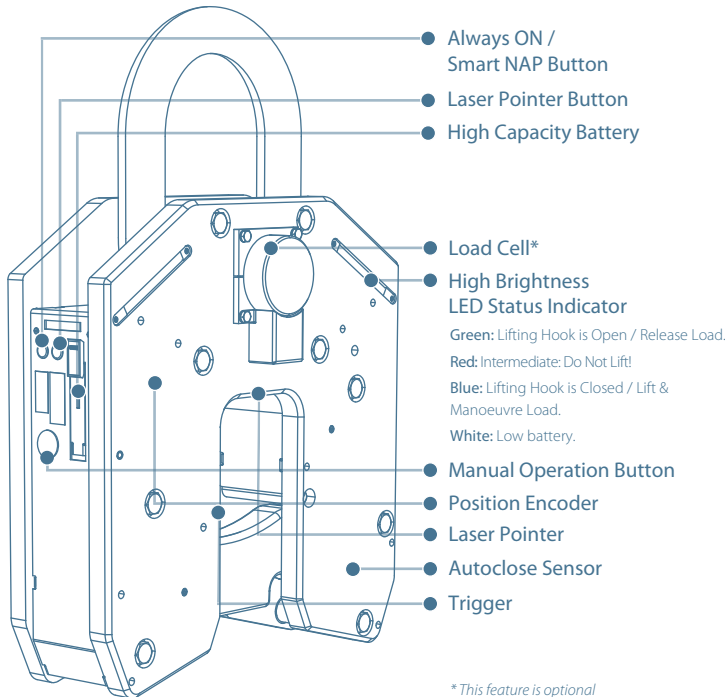
For more information visit us at [www.elebia.com](http://www.elebia.com)

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 NEO100 Lifting Hook

**WORKING LOAD LIMIT 100,000 kgs. / 220,462 lbs.**



mm / inches

### Remote Control

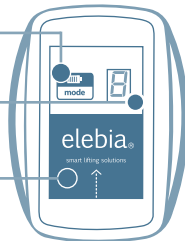


### Battery - High capacity: 3 hour charge – 5,000 cycles / 250 hours in standby mode

Mode button: opens the lifting hook

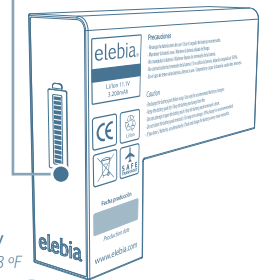
Display Information

elebia button: closes the lifting hook



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



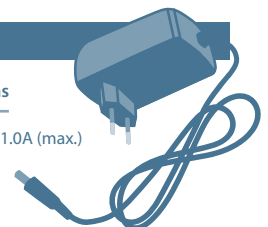
Power Supply	3V lithium battery (CR2032)
Available Code Combinations	65,536 different combinations
Detection of Errors in Transmission	2 CRC bytes + Forward Error Correction
Buttons	2
Frequency Selection	1
Frequencies	868 MHz / 924.1 MHz
Communication	Bi-directional return of receiver battery status
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)

### 220V Charger

#### 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

#### Technical Specifications



### Regulatory Standards

- EN 10204 3.1.B
- 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
- UNE-EN 1050

- UNE-EN 13135:2013
- UNE-EN 60204-1:2007
- UNE-EN 60730-1:2013
- UNE-EN 61000-6-4:2007
- UNE-EN 61000-6-2:2006
- UNE-EN ISO12100:2012

- 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.

