

elebia®

smart lifting solutions



NEO100 Lifting Hook

The Neo is a lifting device that allows you to safely attach and release the load remotely, avoiding additional handling. Specially designed to be used with oversized lifting points and narrow spaces. Minimise risks, enhance safety and increase productivity in your lifting operations.

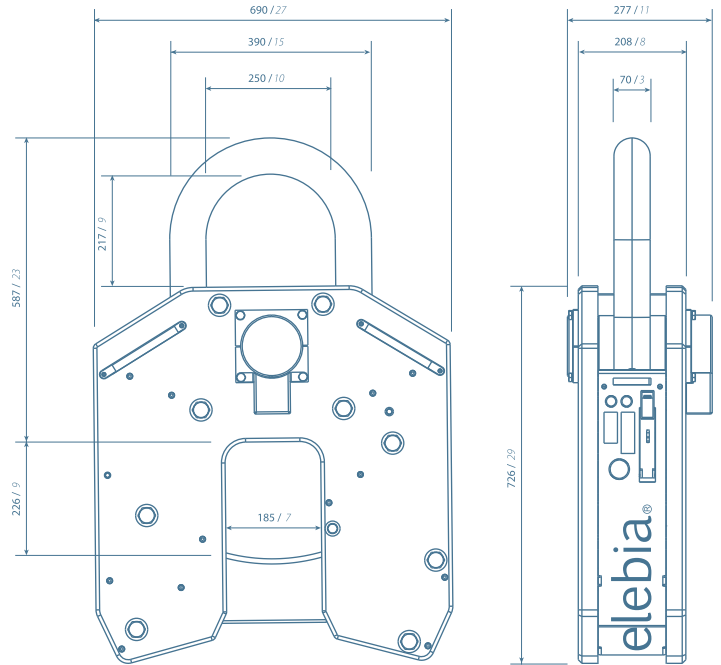
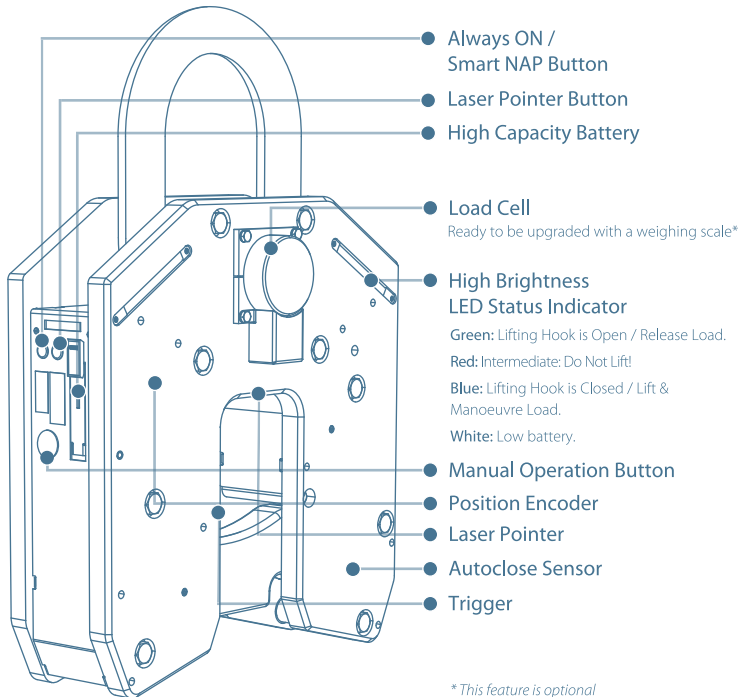
For more information visit us at www.elebia.com

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

Main Features of the NEO100 Lifting Hook

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

Weight: **410 kg / 905 lbs**



mm / inches

Remote Control



Display Information

Open Button

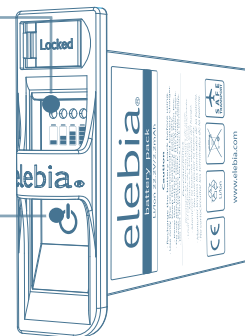
Close Button



Power Supply	1x 3V lithium battery (CR2032)
Detection of Errors in Transmission	2 CRC bytes + Forward Error Correction
Buttons	2
Frequency Selection	5
Frequencies	868 MHz / 924.1 MHz
Communication	Bi-directional return of receiver batter
Radiated Power	under 5dBm
Antenna	Printed circuit
Range	100 metres / 330 feet
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)

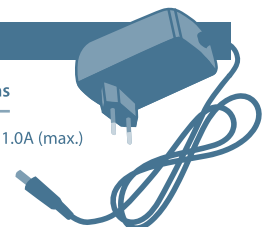
Battery - High capacity: 3 hour charge – 5,000 cycles / 250 hours in standby mode

Led Charge Indicator	ON/OFF
Technology	Rechargeable Li-Ion
Maximum Voltage	25.2 V DC
Nominal Voltage	22.2 V DC
Nominal Capacity	2.6 Ah / 56.16 Wh
Protection Circuit	Charge, Discharge, Overvoltage
Maximum Discharge Current	7.8 A for 1 second (idle 5s)
Heat Protection	Thermal 70 °C / 158 °F
Charge Indicator	Display ON 4 LED (25%-50%-75%-100%)
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	400 g aprox / 14.10 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

- EN 10204 3.1.B	- UNE-EN 60204-1:2007	- Directive on Machine Safety (D2006/42/EC)
- ETSI EN 300 220-1 V3.1.1	- UNE-EN 60730-1:2013	- EMC Directive (2014/30/EU)
- ETSI EN 300 220-2 V3.1.1	- UNE-EN 61000-6-4:2007	- Low Voltage Directive (2014/35/EU)
- ETSI EN 303 446-1 V1.1.0	- UNE-EN 61000-6-2:2006	- Radio Equipment Directive (2014/53/EU)
- ETSI EN 303 446-2 V1.1.0	- UNE-EN ISO12100:2012	- Assurance of Production Quality in accordance with ISO9001.
- UNE-EN 1050	- UN 38.3	- ARIB Construction Design Certification Number 203-JN0689.
		- FCC Identifier 2ACLHEVO for Equipment Class: Digital Transmission System.



elebia.com/lifting-hook-neo100