

elebia®

smart lifting solutions



NEO20 Lifting Hook

The NEO20 lifting hook has been designed as a solution for lifting and transporting bell furnaces, as well as for oversized lifting points (up to 100mm Ø) such as rods between plates, holes on a plate, chain slings, lifting bails and other oversized lifting points.

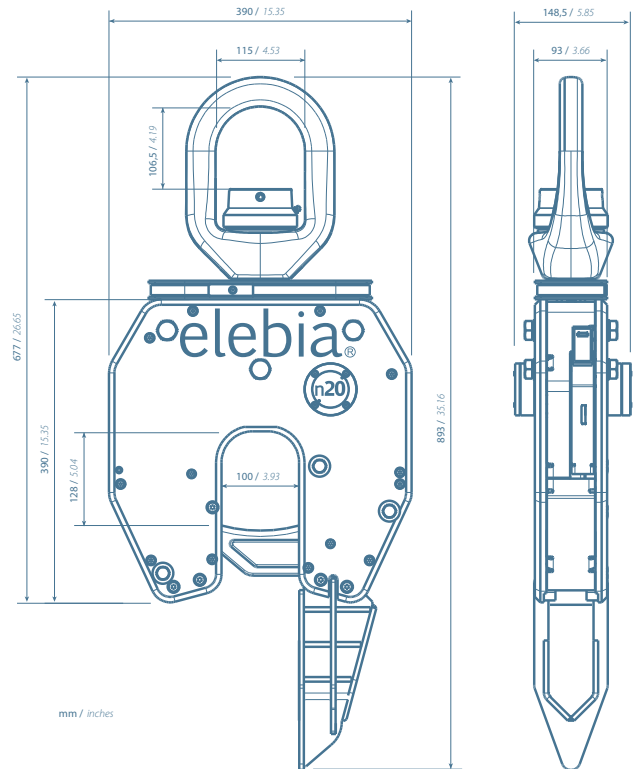
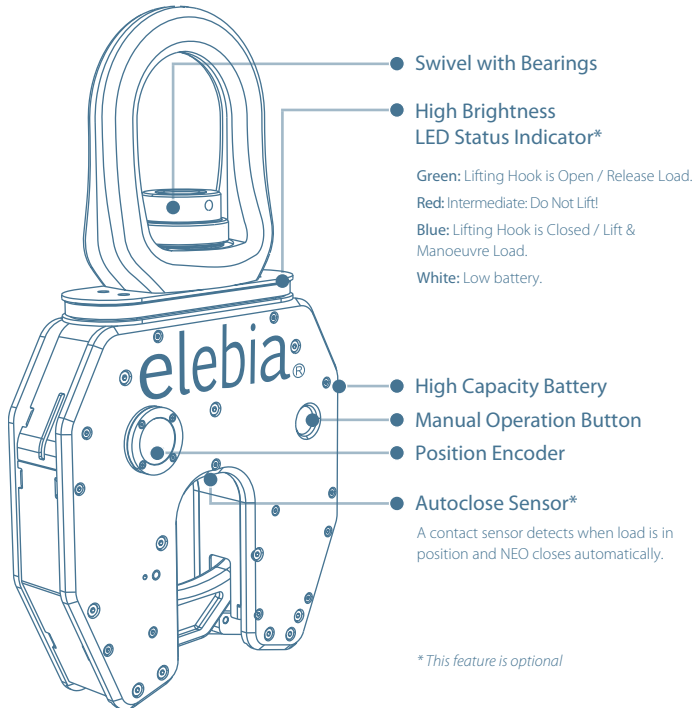


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Stevedore, windpower, steel mills, mining, aeronautics, nuclear, construction... No matter what your industry is **elebia will boost the safety and productivity of your cranes.**

Main Features of the NEO20 Lifting Hook

WORKING LOAD LIMIT 20,000 kgs. / 44,093 lbs.



Remote Control

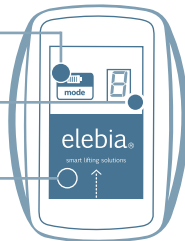


Battery - High capacity: 3 hour charge – 5,000 cycles / 250 hours in standby mode

Mode button: opens the lifting hook

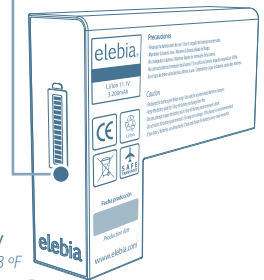
Display Information

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



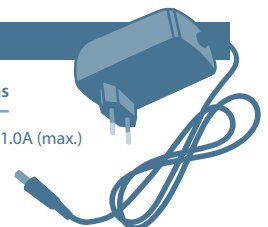
Power Supply	3V lithium battery (CR2032)
Available Code Combinations	65,536 different combinations
Detection of Errors in Transmission	2 CRC bytes + Forward Error Correction
Buttons	2
Frequency Selection	1
Frequencies	868 MHz / 924.1 MHz
Communication	Bi-directional return of receiver battery status
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	- UNE-EN 13135:2013	- Directive on Machine Safety (D2006/42/EC)
- ETSI EN 300 220-1 V3.1.1	- UNE-EN 60204-1:2007	- EMC Directive (2014/30/EU)
- ETSI EN 300 220-2 V3.1.1	- UNE-EN 60730-1:2013	- Low Voltage Directive (2014/35/EU)
- ETSI EN 303 446-1 V1.1.0	- UNE-EN 61000-6-4:2007	- Radio Equipment Directive (2014/53/EU)
- ETSI EN 303 446-2 V1.1.0	- UNE-EN 61000-6-2:2006	- Assurance of Production Quality in accordance with ISO9001.
- UNE-EN 1050	- UNE-EN ISO12100:2012	- ARIB Construction Design Certification Number 203-JN0689.
		- FCC Identifier 2ACLHEVO for Equipment Class: Digital Transmission System.

