

# elebia®

smart lifting solutions



## evo Automatic Crane Hooks

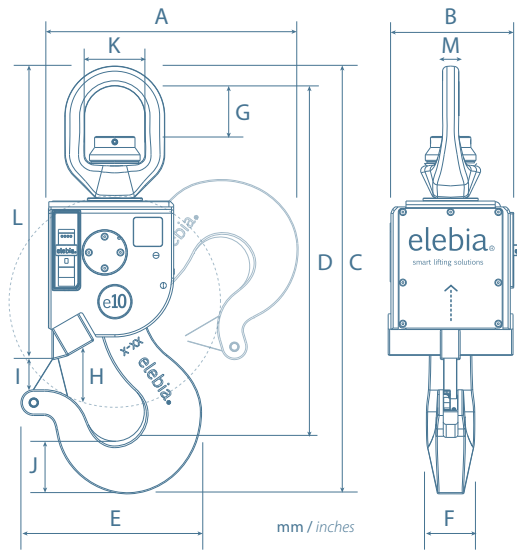
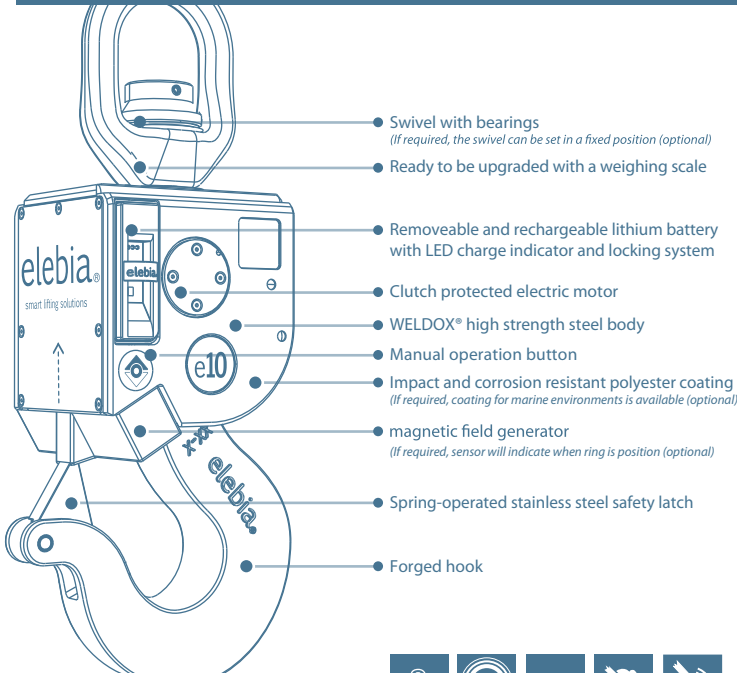
**evo**, the unique automatic crane hook that allows you to attach and release the load remotely, avoiding additional handling. Minimise risks, enhance safety and increase productivity in your lifting operations.

1. the magnet attracts the ring...
  2. ...adjusts the lifting hook...
  3. ...and elevates the load.
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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.**

## Main features of the elebia evo5 / evo10c / evo10 / evo20c / evo20 / evo25 automatic hooks



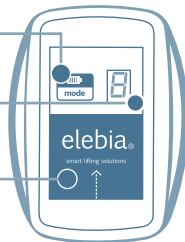
### Remote Control



I Mode button: opens the automatic hook

II Display Information

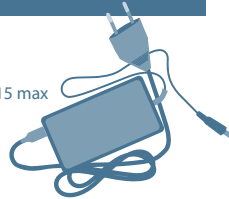
III elebia button: closes the automatic hook



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)

### 220V Charger / 24V Charger

Specifications	Technical Specifications
Input Voltage	100V - 240V 50Hz - 60Hz 0.15 max
Output	25.2V / 1A
Charge Indicator	Yes, by red LED
Charge Complete Indicator	Yes, by green LED



### Regulatory Standards

- ASME B30.10-2009  
- ASME B30.20-2010  
- EN 10204 3.1.B  
- D89/391/EEC  
- D89/654/EEC  
- D89/655/EEC  
- D89/656/EEC  
- D92/58/EEC 9a

- UNE-EN 1050  
- UNE-EN 1677-1:2001 + A1:2009  
- UNE-EN 1677-2:2001 + A1:2008  
- UNE-EN 60204-1:2007  
- 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.  
- DNV GL Certified (evo5 / evo10 / evo20)

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

I Led Charge Indicator	
II ON/OFF	
Technology	Rechargeable Li-Ion
Maximum Voltage	24.8 V DC
Nominal Voltage	22.2 V DC
Nominal Capacity	2.6 Ah DC
Protection Circuit	Charge, Discharge, Overvoltage
Maximum Discharge Current	6 A
Heat Protection	Thermal 70 °C / 158 °F
Charge Indicator	Display ON 4 LED
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	390 g / 13.75 oz

