

# Active Lightning Rod

LIGHTNING ONAY


## LIGHTNING ONAY+ $\Delta L=25m$ UNIT ACTIVE ESE LIGHTNING RODS

### Operating principle:

ONAY + ESE Lightning conductor unit is active, change of electrostatic field during a thunderstorm, the principle (Early streamer emission) works on. Electric charge, electric charge concentrated in atmospheric clouds about 10 kV / m the state of, increases. From this moment on, ESE Lightning ONAY + ion in the active lightning generator unit begin to store this energy. Ion generator in the upper layers of its own, this energy is stored in an increase, between the ion cloud with lightning conductor ends creates a path upwards. Lightning discharge occur when there is yet so small discharges. When you'd electric field intensity will increase in direct proportion to the energy stored in the high-voltage generator is turned on. This generator has a high voltage arc formed between the ends of the introduction of ion capture the tip of the lightning discharge lightning rod, and then to provide the soil to transmit.

### Type test report:

ONAY + ESE Lightning conductor unit is active March - 2005, and February - 2011 periods separately part of a separate high-voltage laboratory of Electrical and Electronics NFC 17-102 (Appendix C) according to "Early flow warning" and "Trigger priority" and NFC-tested 17-102 (Appendix C) reported in compliance with standards.

	<b>OLP 130</b> Lightning Onay + ESE lightning rod unit is active:	
	Length	: 620 mm.
Width	: 130 mm.	
Weight	: 3.600 gr	
Packaging	: 125x125x670 mm. Sized Box	
How it works	: Electric field exchange (ESE) with the principle of	
Physical structure of the	: Stainless steel material	
Triggering	: $\Delta T = 40$ ms Early warning time in the flow	
Conservation area	: According to the principles of the NFC 17-102 standard; Level-1 Level-2 Level-3 42m 57m 65m	
Certification	: "CE" conformity to Europe, the production standard ISO 9001-2008.	
Warranty	: 2 year guarantee approved by the Ministry of Industry and Commerce	