

# ESTAR

## PRODUCT INTRODUCTION ELECTRONIC TAGS

SENSING YOUR GOODS  
Technology  
ZRSX7015

It fully meets the general requirements of electronic labels for power primary power equipment, and can be matched with all the experimental equipment based on RFID independently developed by our company Life cycle management system, to realize the equipment management automation, information, intensification, network sharing, intelligent decision-making.

**Special label**  
For inspection labels



**special label for outdoor equipment**



**special label for pole**



**Special label for the metering box**



**Cable special label**



**Special label of smart table box**



**Special label for fixed assets**



**Special labeling for tools And instruments**



### Product superiority :

- √ Label RF has a stable performance and a high safety profile
- √ The outdoor label adopts materials and packing forms that are suitable for outdoor environments resistant to radiation, salt spray and have good dealing performance
- √ Special-shaped labels are often used in cable manhole cover, cable body and other special occasions, using rolling resistance, immersion resistance, climate resistance and other special materials and Packaging forms
- √ The indoor label adopts materials suitable for indoor environment , waterproof, moisture proof and packaging form
- √ U-shaped labels are often used in special occasions such as



Technical indicators :

Pcification requirements	
type	Indoor labels, labels for special environments
measurement	120*80mm ; 118*32*15 ; 100*32*6 ; approve
base	ABS , PCB
printing and coding	UV color printing, capable of inkjet coding or laser coding with continuous coding or UID coding according to customer requirements
Personalized customization	Support barcode

Physical parameters	
Vibration	OK (passed the vibration intensity test specified in Table 22 of 7.6.1 in DL/T 478-2013)
Be able to bear	
Salt spray resistance	OK (passed the impact strength test specified in Table 23 of 7.6.2 in DL/T 478-2013)
Flame retardancy	OK (tested through GB/T 2423.17-2008)
Electrostatic discharge immunity	OK (tested according to GB/T 2408-2008)
RF electromagnetic field immunity	OK (tested according to GB/T 17626.2-2006)
Power frequency magnetic field immunity	OK (tested according to GB/T 17626.3-2006)
protection grade	Outdoor label IP67
	Outdoor label IP67

technical parameter		
working frequency	902 ~ 928MHz	13.56 MHz
working frequency	0-12米	0-60cm
Interface Protocol	EPC Class1 Gen2 ISO18000-6C	ISO14443A / ISO15693
chip type	M-4E ; Customizable	F08 ; Customizable
Number of reads and writes	100000 times	100000 times
Installation method	Paste installation, fixing installation	

Environmental parameters		
working temperature	-40°C ~+ 85°C	
Storage and transportation limit conditions	-50°C ~+ 85°C	
Radiation resistance	Outdoor label solar radiation protection meets the requirement of total radiation intensity ≤ 1120W/m2	
atmospheric pressure	86kPa ~ 106kPa	
relative humidity	annual mean	< 75%
	30 days, these days of the year are divided in a natural way	95%
	Sometimes during the rest of the time	85%