



## GB/T EV Electronic Lock

### **Mechanical Properties**

Mechanical life:  $\geq 50000$  (DC12V POWER-ON 0.05s, power-off 10s)

Thrust:  $\geq 450g$  (Energized DC 12V)

Retentivity:  $\geq 700g$

### **Electrical Performance**

Rated current: 3A

Rated voltage:  $12V \pm 5\%$

Activation time :  $\geq 0.05s$

Power-on sustaining: 0.2s Max

Insulation resistance:  $> 50M\Omega$  (DC500V)

Temperature rise:  $\leq 50^\circ C$  (power-on 0.05s, power-off 10s)

Withstand voltage: DC1000V 50/60Hz 30s

### **Raw Material**

Shell material: thermoplastics, flame retardant grade UL94V-0

### **Environmental Performance**

Temperature:  $-30^\circ C \sim +50^\circ C$





### GB/T EV Electronic Lock Features

- Conform to the provisions and requirements of GB/T18487.1-2015. Applicable to all domestic electric vehicle charging sockets, Firmly locking the charger on the installation backplane can prevent theft. high anti falling safety performance, let you charge at ease.
- Electromagnetic pulse control is adopted, also can add control board to achieve a long power supply mode.
- Use ultrasonic welding process, with small size and beautiful appearance.
- Have signal feedback function and manual emergency unlocking function. In case of accident, manual emergency unlocking is also available.
- Special internal waterproof protection performance, protection grade achieved IP66. The security performance of the lock will not be reduced even in a very bad environment or special circumstances.
- Reliable material, flame retardant, pressure resistance, abrasion resistance, impact resistance and high oil resistance.

### Application of GBT EV Electronic Lock

#### **Apply to Vehicle**

For Tesla model3, for Tesla Model S, for Tesla Model X, for BAIC EU-Series, for BYD Yuan/S2 EV, for BYD e5, for Chevrolet Volt, for Mia, for Mia Electric Van, for Mitsubishi OUTLANDER PHEV, for



## AG ELECTRICAL MANUFACTURE FACILITY

Nissan NV200 SE Van, for Nissan leaf, for SAIC Baojun E-Series, for SAIC Rorwe Ei5 EV, for BMW 530e/Le, for Renault Zoe, for Hyundai Kona EV, for BMW i3, for BYD Tang PHEV, for Chery eQ EV, for Toyota Prius PHEV, for Volkswagen e-Golf, for Geely Emgrand EV, for Great Wall Ora R1 EV

### **Application in area**

Commercial EV Charging/Workplace EV Charging, Hotels EV Charging, Home/Residential EV

### **Charging, Public EV charging**

AG ELECTRICAL EV Portable Charge acquires all safety and production certificates in electrical filed, ISO9001, ISO 14001, OHSAS 18001, GB/T18487. 1-2015

### **GBT EV Electronic Lock Parameter**

Product Type	EV Electronic Lock
Rated Current	3A
Rated Voltage	12V±5%
Warranty	12 months
Certificate	GBT
Packaging Details	Standard export wooden case or carton. Or as customer requirements
Delivery Time(days)	Within 15days, if quantity>500,to be negotiated