



## Waterproof Extruded Aluminum Enclosure Electrical Junction Box Powder Painted

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Hentec
- Minimum Order Quantity: 500kg
- Packaging Details: wooden case , carton
- Delivery Time: 10-20workdays



### Product Specification

- Material: Aluminum
- Color: Blue
- Surface: Powder Painted
- Logal Printing: OEM
- Type: Box
- Waterproof: Waterproof
- Highlight: aluminum electrical enclosures,  
extruded aluminum enclosure boxes

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## Product Description

### Waterproof Aluminum Electrical Shell / Electrical Junction Box / Powder Painted

- These parts are custom made only, not in stock; We can produce based on your drawings or samples.-We can sign NDA(Non-disclosure Agreement) with you if you need;
- Supplying Capacity: 500,000pcs monthly; Small orders are welcome.

#### Advantages:

1. Professional research and design team (25 persons), all necessary equipment.
2. Strict quality control in each process and finish product quality control.
3. Short delivery lead time: 15-30 days after sample be approved
4. Comprehensive after-sale service, quick responses for daily communication



#### Description:

- 1) Quality material:Al 6063-T5 ( Other aluminium alloy such as 6061, 6060, 6005, 6082 are available)
- 2) Machining capacity:Lathing /Milling /CNC machining /Polishing /Punching /Drilling /Tapping/ Bending/ Chamfering/ Polishing are available.
- 3) Finishing:Bright clear anodizing ( Color/ Hard anodization, Powder coating/ Painting/ Silkscreening are available)
- 4) We are capable to provide customer assembling service.
- 5) OEM design/specification is welcome

#### Product Details

Item	Custom 6000 Series Anodised Aluminium Extrusion LED Profile
Material	Aluminium 6000 series alloy: such as 6063 6005 6061
Temper	T4 T5 T6
length	3-6 Meter per piece, or as your inquire
Shape	Round,square,flat,hollow,oval,triangle,U-profile,L-profile,T-profile,customized available
Thickness	General profile Thickness: 0.7 - 5.0mm
Deep process	CNC ,drilling ,milling ,cutting ,bending ,tapping ,welding ,assembling ,punching

#### Surface treatment

Surface treatment	Mill-finish,Anodized,Powder coated,Electrophoresis,Wood grain,Brushed, Polishing
Anodized thickness	8 - 25um
Anodized Color	Silver,black,chanpagne,bronze,gold or customized
Electrophoresis Color	Silver,black,chanpagne,bronze,gold or customized
Powder coated Color	All color by RAL ,or customer's color sample

Powder coated thickness	60- 120um
Wood grain	customized
Guarantee	surface Brightly can be stable for 10 - 20years

### Applications:

Industry Aluminum profile used in cars, trains machinery ,electronics, medical and other industrial filed . In terms of hardware, machinery, electromechanical parts, solar PV products, aluminum frames are adopt as important auxiliary materials. We also have aluminum profiles for radiators, fitness machinery, buildings, lighting instrument, windpipes, oil pipelines, for instance.

### Specifications:

#### 1.Primary Technical Data

##### 1)Chemical composition

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Impurity	Al
6063	0.2-0.6	0.35	0.1	0.1	0.45-0.9	0.1	0.1	0.1	0.15	Rest
6061	0.4-0.8	0.7	0.15-0.4	0.15	0.8-1.2	0.04-0.35	0.25	0.15	0.15	Rest
6060	0.3-0.6	0.1-0.3	0.1	0.1	0.35-0.6	-	0.15	0.1	0.15	Rest
6005	0.6-0.9	0.35	0.1	0.1	0.40-0.6	0.1	0.1	0.1	0.15	Rest

##### 2)Mechanical property

Alloy	Temper	Tensile strength	Yield strength	Elongation
6063	T5	≥ 160Mpa	≥ 110Mpa	≥ 8%
	T6	≥ 205Mpa	≥ 180Mpa	≥ 8%
6061	T6	≥ 265Mpa	≥ 245Mpa	≥ 8%

### Competitive Advantage:

- 1)Engineering design and support.
- 2)Aluminium profiles deeply processing:cutting,punching,drilling,milling,and fabricating.
- 3)High Quality system, strictly inspection during production and whole inspection before package.
- 4)Good performance, product warranty for 15 years.





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