



## Bright Black Anodizing Extruded Aluminum Enclosure 6063 / 6061 / 6005

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Hentec
- Minimum Order Quantity: 500KG
- Packaging Details: EP Foam , Pallet , Wooden Case



### Product Specification

- Material: Aluminum
- Surface: Bright Anodize
- Warranty: 15years
- Alloy: 6063/6060/6005/6061
- Water Proof: Water Proof
- Logo: Silk Screen
- Highlight: **aluminum electrical enclosures,  
extruded aluminum enclosure boxes**

## Product Description

### Bright Black Anodizing Aluminum Electrical Shell / 6063 / 6061 / 6005

#### Advance:

Our Advance
(1).Direct from factory
(2).Low(1-2%)scrap rate
(3).All kinds of metal&plastic material is available
(4). High Tolerance: +/- 0.02mm(Metal shaft), +/-0.03mm(plastic)
(5). 100% inspection(offer QC report)
(6). Sample is available
(7). Short lead time (5-20 days).
(8). One-stop customized service

#### Description:

##### 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 avaiaable
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	40 - 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%

### 2.Specifications:

Excellent material for smooth and subtle edges.  
Elegant appearance.  
Surface treatment: colorful anodized or electrostatic powder coated.  
Suitable for constructions and other industrial purposes.  
Customized surface finishes are welcome.

### Competitive Advantage:

- 1)Engineering design and support.
- 2)Aluminum 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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