



## Waterproof Extruded Aluminum Enclosure Black Anodizing / Powder Painting

Our Product Introduction

for more products please visit us on [aluminumextrusion-profiles.com](http://aluminumextrusion-profiles.com)

### Basic Information

- Place of Origin: China
- Brand Name: HT
- Minimum Order Quantity: 50KG
- Packaging Details: Inner is plastic bag and outside is metal bail. Net weight is 50/250 KG; Packaging can set by customer's requirements.



### Product Specification

- Material: Aluminum Profile
- Surface: Anodizing
- Color: Golden
- Alloy: 6063
- Temper: T5
- Warranty: 15years
- Highlight: aluminum electrical enclosures, extruded aluminum housing

## Product Description

### Waterproof Extruded Aluminum Enclosure / Black Anodizing / Powder Painting

#### Product Description

1. **Material:** Aluminium alloy 6063, 6061, 6082, 6060 or according to customer's request

2. **Temper:** T5, T6

3. **Quality standard:** GB5237-2008

4. **Surface treatment:** Mill finish, anodized, powder coated, electrophoresis, sand blasting etc. PVDF coating, wood grain painting, matted, polishing bright

5. **Color available:** Silver, Bronze, champagne, Matte, Natural for anodizing, Ral for powder coating

6. **Packing details:** Protected film inside and shrinking film outside

7. **Samples time:** two weeks after receive the mold fee

8. **Delivery:** 20 days after deposit

9. **Production Capacity:** 5000MT/Month

10. **MOQ:** 1 TONS

12. **Payment terms:** 30% deposit the balance pay against B/L copy within 7 days

13. **Port:** Shanghai Port

14. 22 press extruder

15. OEM & ODM service.

#### 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 adopted 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.




#### Products we focus on:

- Aluminium profiles for architecture
- Aluminium profile for doors and window
- Aluminium profile for curtain wall
- Aluminium profiles for louver / shutter
- Aluminium profile for handrail and barrier
- Aluminium profile for decorations
- Aluminium tube and pipe "U"/ "I"/"L"/"O" profile
- Aluminum profile for Solar panel frame
- PVDF/heat transfer wooden grain aluminium profile
- CNC machined aluminium profiles
- Anodized, powder coating, electrophoresis, mirror finish, brushed aluminium profiles
- 6000 series anodized aluminum heatsink housing profile for industrial use

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