

T3 T4 6063 / 6061 Extruded Aluminum Enclosure with Bright Anodizing

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: HT
- Minimum Order Quantity: 500KG
- Packaging Details: wooden case , pallet
- Delivery Time: 10-15days



Product Specification

- Surface: Anodizing
- Color: Vairous
- Machining: Cutting , Milling
- Usage: Heat Exchanger
- Water Proof: Water Proof
- Logo: Printing Or Punching
- Highlight: **aluminum electrical enclosures,
extruded aluminum housing**

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Product Description

Bright Anodizing Aluminum Electrical Shell , With Cutting , Punching , Bending

1. Alloy :6063,6061,6005 or according to customer' s choice
2. Material:Aluminum
3. Surface Treatment: Mill Finished,Anodized ,Electrophoretic coated,Powder spray coated,Fluorocarbon powder spray coated /PVDF Paint, Drawbench,Steel polished,Wood grain coated /Wooden transfer .
4. Deep process: Milling, Drilling, Bending,Cutting.

Description:

| | |
|--------------|---|
| Item | Powder Painted 6063 Industrial Extruded Aluminium Profiles Electrical Cover |
| Material | Alloy 6063, 6061 or according to customer' s choice |
| Temper | T3, T4, T5, T6 |
| Surface | Anodize (clear, satin, bronze, black, golden, silver, other multicolor) , electrophoresis, powder coating, PVDF coating, wood grain painting, etc. |
| MOQ | 1 ton. Usually 12 tons for a 20 feet container; 24 tons for a 40 feet container. |
| Profile type | Industry Aluminum profile used in cars, trains machinery ,trailers ,electronics, medical and other industrial filed . |
| Processing | Industrial Aluminium Profile extruding ,Precise cutting,Straight rectification,Bending,Drilling,Tapping,Stamping,Pulling,CNC mill, CNC lathe. For precious machining and cutting, length tolerance can be 0.2mm, hole tolerance can be 0.05mm . |
| Moulding | 1. Using our moulds, free; 2. Using customer' s drawing, opening mould fee need to be paid . |
| Certificate | ISO14001:2004, ISO9001:2000 |
| Standard | Our Industrial Aluminium Profile Meet the China national standard GB/T6892-2006 and Europe standard EN12020-1,2(2001) and American standard AAMA611-98. |
| FOB Port | Shanghai, etc. |

Applications:

1. Power Supply, GPS tracker, CPE outdoor shell.
2. PCB enclosures, LED Driver Cabinet.
3. Electronics, Industry and Modern Automobile.
4. Junction Box and Instrument Enclosure
5. Meter, ,Measuring and Tool Housing.
6. Sensor Outermost Shell, IC Card Enclosure.
7. Industry Control Box Case.
8. Precision Machinery.

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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