



## 6063 Aluminum Electrical Enclosures / Aluminium Extrusion Heat Sink Enclosure

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: Its inner is plastic bag and outside is metal pail, net weight 50/250 KG; or the packaging according to customer's requirements.



### Product Specification

- Material: Aluminum
- Usage: Electrical Products
- Surface: Anodizing ,Powder Painting
- Logo: Silk Screen
- Water Proof: Water Proof
- Warranty: 15years
- Highlight: **aluminum electrical enclosures, extruded aluminum housing**

## Product Description

### 6063 Aluminum Electrical Enclosures / Aluminium Extrusion Heat Sink Enclosure

We are professional in comtomizing different types of aluminum profiles with 15 years experience which are widely used in Industry ,Constrution,Decoration, Furnitures, Windows and doors.,etc. .

We have more than 30000 moulds so far , and your samples or drawings are warmly welcomed to provided to us for customizing !

#### Description:

Item	Aluminum Extrusion Channel
Material	Alloy 6063, 6061 or according to customer's choice
Temper	T4, T5, T6,T66
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 .
Machining	1. milling; 2. Drilling; 3. Bending; 4. Cutting ...
Moulding	1. Using our moulds, free; 2. Using customer' s drawing, opening mould fee need to be paid .
Certificate	ISO14001:2004, ISO9001:2000
FOB Port	Shanghai, etc.

#### 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:

1. Alloy :6063,6061,6005 or according to customer' s choice
2. Material:Aluminum
3. Suface 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.
5. Application:  
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.
6. Color:clear, satin, bronze, black, golden, silver, other multicolor
7. Temper: T4, T5, T6 ,T66

#### 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.

**Our facilities:**

Extruder	600 tons to 4500 tons)
Milling Machine	2
Multifunctional Drilling Machine	1
Drilling Machine	5
Auto Saw Machine	2
Cutting Machine	10
Punch Press	12
Surface Oxidation Treatment Line	1
Metal Lathe	2
Polish Machine	6
Heat Treater	1
Natural Gas Heating	2
Air Compressor	1



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