



Colored Anodizing Extruded Aluminum Enclosure Boxes , Heat Exchanger Electrical Cover

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: HT
- Minimum Order Quantity: 50KG
- Packaging Details: Inner plastic bag, into the metal drum, barrel, and net weight 50/250 KG; or packaging according to customer's requirements.



Product Specification

- Material: Aluminum
- Alloy: 6060 6061
- Temper: T5 T6
- Surface: Anodizing
- Color: Silvery , Black
- Logo: Printing
- Highlight: **aluminum electrical enclosures, extruded aluminum enclosure boxes**

Product Description

Colored Anodizing Aluminum Electrical Shell / Electrical Cover / Heat Exchanger

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:

Type	Electrical Cover	
Profile	General profile for square tube, round tube, rails, corner, handrail and etc. Doors&windows profile, Curtain wall profile, Closet door profile, furniture profile, Pontoon profile, Heat sink, air conditioner profile	
Finish products	Electrical Shell / Cover	
Item	Original Product	Alternatives
Shape	general	Round, Square, Triangle, Rectangle etc. and Customized shapes are welcomed.
Alloy	6063 alloy	6061, 6082, 6060, 6005, 6N01 Alloy etc.
Temper	T5	T4, T5, T6 can be discussed.
Finishing	Painted	Mill finished, Anodized, Electrophoresis, Powder coated, Sand blasted, Painted, Wood grain, Heat-insulating etc.
Standard for Extrusion	Mill finish	GB 5237.1-2008
Standard for anodic oxidation		GB 5237.2-2008
Standard for Electrophoresis		GB 5237.3-2008
Standard for Powder coated		GB 5237.3-2008
Standard for Heat-insulating		GB 5237.6-2008
Etc		

Applications:

Industry Aluminum profile used in cars, trains machinery, electronics, medical and other industrial field. 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. 15 years experience in providing ONE-STOP customized aluminium extrusion and doors&windows finish product solution; 14+ years of exporting to 46+ countries;
2. ISO: 9001:2008, TUV, RoHS, SGS, Reach, D&B
3. 100% new aluminum material
4. Competitive prices with short lead-time
5. Effective and strong technical support (40+ engineers) and excellent sales services (80+ sales representatives).
6. Sufficient production capacity:
 - 65 extruding lines with capacity 600tons to 7000tons;
 - 15 environment-friendly casting rod lines;
 - 8 lines of anodic oxidation and electrophoresis each;
 - 7 powder spraying lines;
 - 3fluorocarbon spraying line;
 - 18 heat-insulating lines;
 - 5 wood-grain line.



 **HENTEC** Hentec Industry Co.,Ltd

 +86-13861643436

 aluminum@hentec.com.cn

 aluminumextrusion-profiles.com

Qinfeng Road No.555 Huashi Town Jiangyin Jiangsu China (mainland) 214421