



Industrial Aluminum 6063 Customized Solar Mounting Rails With Powder Painting

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: HT
- Certification: CA , CE
- Model Number: HENTEC rail splice
- Minimum Order Quantity: 1000pcs
- Packaging Details: Carton and pallet
- Delivery Time: 20days
- Payment Terms: T/T ,L/C
- Supply Ability: 100 000pcs per month



Product Specification

- Application: Industrial
- Material: Aluminum
- Alloy: 6063/6061/6005
- Surface Treatment: Anodizing , Powder Painting
- Package: Pallet / Wooden Case
- Product Name: Solar Mounting Rails
- Highlight: **solar roof mounting kits,
aluminum frames for solar panels**

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Product Description

6063 Customized Solar Roof Mounting Systems / Solar Mounting Rails

Our company Hentec Industry Co.,Ltd is one of the largest manufacturers of aluminum profiles in China. Our company has been committed to high, refined, sharp aluminum extrusion profile design and manufacturing, through years of unremitting efforts and persistence, aluminum products from a single building doors and windows, curtain wall type aluminum to expand to include, rail transportation, automobile manufacturing, electronic appliances, communications technology, and other fields, products all over the world.

Alloy:	6063	6061	6060	6005	6082		
Temper :	T5	T6	T4				
Standard:	DIN	AAMA	AS	CHINAGB			
Certification:	ISO9001: 2008.						
Surface Finish:	Mill finish	Anodizing	Powder Coating	Wood Grain	Electrophoresis	Polished	Brushed
Color:	Anodizing:	Silver, bronze, champagne, titanium, nickel, golden yellow, etc. Anodizing thickness is up to 25um.					
	Powder Coating:	White, black, bronze, grey, green, etc . Powder coating thickness is more than 60um.					
	Wood Grain:	1. Italian MENPHIS transfer printing paper. 2. AKZO NOBEL INTERPON D1010(10 years warranty): Australia cedar, Bush cherry, Chest nut, Jarrah I, Jarrah II, Western red cedar, etc. 3. AKZO NOBEL INTERPON D34(5 years warranty): Bush wood, Western red, Jarrah, Snow gum, etc.					
	Electrophoresis:	Silver, nickel, golden yellow, black, champagne, etc					
	Polishing	Silver, nickel, golden yellow, black, etc					
	Brushing:	Silver, nickel, golden yellow, black, bronze, etc					
Machining:	Cutting, punching, drilling, bending, weld, mill, CNC, etc.						
OEM customized aluminium profiles are available.							

Order, payment, terms, shipment

- 1, Minimum order: 500 kg per trial order 1 piece of sample free of charge provided by approval and kept for future mass production.
- 2, Sample Lead Time: 25 working days(15 days for making the tool and 10 days making the samples. Before sending the samples to customer, samples should pass strict test in our lab.)Production Lead time: it depends on customers' order quantity (30 working days after deposit).
- 3, Payment: (Can negotiate with customers, our usual practices are as follow)
- 4, Tooling:100% prepaid by T/T.
- 5, Parts:30% upon order confirmation and balance before delivery by T/T

Applications:

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%

3. Surface Treatment of Sections

(Class)	(μm), not diminish than		acid-resistant			abrasion resistance
	(Min-average film thickness)	(Min-part film thickness)	CASS		(S)	(f, g /μm)
			(h)	Class		
AA10	10	8	16	≥9	≥50	≥300
AA15	15	12	32	≥9	≥75	≥300
AA20	20	16	56	≥9	≥100	≥300
AA25	25	20	72	≥9	≥125	≥300



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Competitive Advantage:

1. extrusion, all kinds of surface treatment
2. good surface.
3. aluminum profile
4. high quality.
5. for solar panel using

FAQ For Saving Your Precious Time!

Q1:What's the thickness for anodizing?Can you do 15um?

A:Our normal thickness is about 10 um.Yes, we can do 15um and above.

Q2:What color you can do for powder coating?The thickness for powder coat?

A:We can do any color for powder coat as long as you can provide the color sample.Our normally powder coating thickness is 60-80um.

Q3:What color you can do for wood grain?

A:Our most popular colors are Western Red Cedar, Australia Cedar, Jarrah I, Jarrah II, Chestnut, Bush Cherry, Bush Wood, Western Wood, Snow Gum, etc.If you need any other colors, we can do according to the color samples you provide.

Q4:How's the weather resistance for wood grain finish D1010?

A:(1).Powder:Akzo Noble Interpon D1010.

(2).Wood grain film:Italian Memphis.

(3).Standard complied:American AAMA Standard.2603

(4).UV test:1000 hours.

(5).Salt spraying test:1000 hours.

(6).Normal weather:10 years color guarantee.

Q5:What certification do you have?What's your standard?

A:We have ISO certification.Our standard is DIN, AAMA, AS/NZS, China GB.

Q6:What's the delivery time for samples and mass production?

A:(1).2-3 weeks to make the new moulds and make free samples.

(2).3-4 weeks after receipt of deposit and confirmation of the order.

Tag :

solar panel roof mounting kits

solar panel roof mounting hardware

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