



OEM Heat Sink Electronic Power Case Enclosure Aluminum Casting

Basic Information

- Certification: ISO 9001:2000
- Minimum Order Quantity: 100
- Price: 1.99



Product Specification

- Tolerance Grade: 7
- Casting Surface Quality: 12.5
- Material: Aluminum Alloy
- Surface Treatment: Anodizing
- Casting Dimension Tolerance: CT7-CT8
- Casting Surface Roughness: Ra 12.5um
- Casting Weight Range: 0.1-100kg
- Max Linear Size: 1200mm
- Max Diameter Size: 600mm
- Machining Precision: Positioning Accuracy 0.008mm, Rep. Position. Accuracy 0.006mm
- Machining Surface Roughness: Ra0.8~6.3um
- Max Travel Of Spindle: 1800mmx850mmx700mm



More Images



Product Description

OEM Heat Sink Electronic Power Case Enclosure Aluminum Casting

Metalplus specializes in aluminum industrial profile design and manufacturing with a production base of over 100,000 square meters and annual capacity exceeding 100,000 tons.

Product Range

Aluminum Profile System

Aluminum Extrusion Enclosure

LED Aluminum Extrusion Profiles

Aluminum Frame

Customized Aluminum Profile

Aluminum Heat Sink

Electric Motor Housing

Construction Aluminum Profile

Aluminum Extrusion Tube

Product Description

Aluminum is the most frequently used material for aluminum castings to produce lightweight parts. Low pressure casting of aluminum alloy involves filling the mold and solidification under low working pressure (0.06-0.15MPa) to obtain high-quality castings.

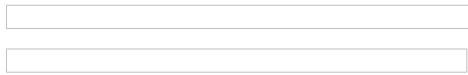
Precision die casting parts are widely used in hardware parts, auto motor parts, machinery parts, and medical equipment.

Specifications

Material	Aluminum Alloy, Carbon Steel, Alloy Steel, Stainless Steel
Process	Drawings → Mould Making → Die Casting → Rough Machining → CNC Machining → Surface Treatment → Product Checking → Packing → Delivery
Casting Dimension Tolerance	CT7-CT8
Casting Surface Roughness	Ra 12.5um
Casting Weight Range	0.1-100kg
Casting Size	Max linear size: 1200mm, Max diameter size: 600mm
Machining Precision	Positioning accuracy 0.008mm, Repeat positioning accuracy 0.006mm
Machining Surface Roughness	Ra0.8~6.3um
Max Travel Of Spindle	1800mm x 850mm x 700mm
Max Turning Diameter	1000mm

Material Standard	GB, ASTM, AISI, DIN, BS, JIS, NF, AS, AAR
Surface Treatment	Electroplating, Chrome Plating, Zinc Plating, Nickel plating, Electrophoresis, Anodization, Polishing, Powder coating, Sandblasting, Passivation, Spray painting
Casting Process Types	High Pressure Die Casting, Vertical Low Pressure Die Casting, Precision Sand Casting, Lost Foam Casting, Investment Casting
Service Available	OEM & ODM
Quality Control	0 defects, 100% inspection before packing
Application	Train & railway, automobile & truck, construction machinery, forklift, agricultural machinery, shipbuilding, petroleum machinery, construction, valve and pumps, electric machine, hardware, power equipment
MOQ	1 TON
Payment Terms	T/T, L/C at sight
Port	Shanghai Port

Product Images



Our Advantages

- 17+ years manufacturing experience in aluminum extrusion
- Strong design and extrusion capabilities with fast turnaround
- Complete metal processing machines including laser cutting, CNC bending, and welding
- Comprehensive quality control throughout manufacturing process
- Regular exports to United States and Europe with established customer base

Technical Support

- Custom design services including CAD drawings and 3D models
- Professional R&D team for design analysis and optimization
- One-stop service from product design to surface treatment
- Raw material composition control and production process accuracy



Factory Equipment

Extrusion

44 aluminum extrusion lines with PLC control systems, including a 6800-ton extruder for profiles up to 600mm diameter. Capable of producing radiators, industrial fan blades, motor enclosures, and solar cell frames.



Anodizing

6 anodizing production lines with uniform oxidation film thickness and color options including silver, black, gold, champagne, and imitation steel. Strict quality control with 100% inspection.

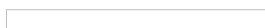


Painting

4 powder spraying lines using Gema Switzerland nozzles with environmentally friendly, durable paint.

CNC Machining

12 PRATIC machining centers for profiles up to 6 meters, 30 punching machines (50-100 tons), 10 stretch bending machines, and 10 milling machines for complex profile machining.



[Redacted]

[Redacted]

Packing & Shipping

Manual packaging with strict warehouse management and comprehensive inspection before delivery.

[Redacted]

Certifications

[Redacted]

Company History

- 2004: Recognized brand of building industry material market
- 2006: ISO9001 certification and product quality surveillance exemption
- 2009: Advanced company and Jiangsu famous brand certificates
- 2012: Established business with Panasonic and LG
- 2015: Innovative producer and supplier for European clients
- 2017: Developed new baseboard heater products
- 2019: Supplier for world's largest heater manufacturers
- 2023: Expanding overseas distributor network

Notable Projects

Soccer City Stadium, Johannesburg

Main aluminum supplier for Africa's largest capacity stadium (94,000 seats).

[Redacted]

[Redacted]

Lobster Trailers

Collaboration with Nordic trailer giant featuring design optimization and cost-effective production.

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School Furniture Project

Supplier of aluminum legs for school desks with strong design and manufacturing capabilities.



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