## 6063 Alloy LED Light Heatsink with 2 Year Warranty and ISO9001 Certified **Aluminum Extrusion Profile**

## **Basic Information**

 Minimum Order Quantity: 500 • Price: 1.99



## **Product Specification**

• Material: Aluminum · Color: Black . Shape: Round

 Surface Treatment: Mill Finish, Anodizeding, Sand Blasting,

**Powder Coating** 

6063, 6061, 6060, 6005 Alloy Type:

• Tensile Strength: 160-265Mpa · Yield Strength: 110-245Mpa

. Elongation: ≥ 8%

• Production Capacity: 50000PCS /Month

· Max Diameter: 350mm • Max Extrusion Diameter: 600mm

• CNC Machining Length: Up To 6 Meters • Punching Thickness: Over 5MM

. Anodizing Colors: Silver, Black, Gold, Champagne, Imitation

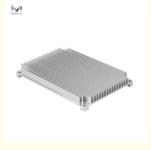


## More Images









#### Silvery Anodized Custom LED Light Heatsink Extrusion Profiles with CNC Machining

Aluminum heat sink extrusion is the most common and cost-efficient thermal solution for electronic devices and industrial applications. Our extruded aluminum heat sinks offer lightweight construction, excellent thermal performance, and cost-effective manufacturing.

#### **Product Specifications**

Product Name	Aluminum Alloy LED Heat Sink
Raw Material	Aluminium
Surface Treatment	Mill finish, Anodizing, Sand Blasting, Powder coating
Equipment	CNC machine, grinding and shot peening machine, Precise tensile strength testers, magnetic powder flaw detectors
Deep Processing	Cutting, Drilling, Tapping, Polish, Milling
Certification	ISO9001, SGS certificate, ROHS report
Usage	High-power Semiconductor, Power Electronics cooling, LED/lamp electronic ballast, audio equipment, power amplifier circuits, automatic control meters
Delivery Time	7-10 Days after order confirmation

#### **Technology Support**

With over 600 employees including 50 R&D specialists, we provide comprehensive support from initial design to final production. Our process includes:

Rapid design drawing and specification development

Quick quotation and lead time confirmation

Prototype production and testing

Full-scale production after approval

#### **Applications**

Our heat sinks are essential components in various industries, including:

Audio Equipment

UPS/EPS power supplies

Inverters and transformers

Battery packs and new energy controllers

Charging piles and welding machines

Communication transmitters and base stations

Control cabinets and power regulators

#### **Company Advantages**

ISO 9001:2008 certified

Comprehensive production facilities including extrusion machines, powder painting lines, and CNC equipment

Advanced equipment and excellent R&D team

Professional designers and experienced workers

Strict quality control with 100% inspection

Highly skilled manufacturing processes

#### **Technical Data**

#### **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

#### **Mechanical Properties**

Alloy	Temper	Tensile Strength	Yield Strength	Elongation
6063	T5	≥ 160Mpa	≥ 110Mpa	≥ 8%
6063	T6	≥ 205Mpa	≥ 180Mpa	≥ 8%
6061	T6	≥ 265Mpa	≥ 245Mpa	≥ 8%

#### **Production Capabilities**

Our comprehensive services include:

Custom profile design with CAD drawings and 3D models

Design optimization to reduce costs and improve performance

Complete "one-stop" production from design to surface treatment

Factory	Equipment

Our manufacturing capabilities include:

44 aluminum extrusion lines with maximum outer diameter of 350mm

6800 ton extruder for industrial profiles up to 600mm diameter

6 anodizing production lines with uniform oxidation film thickness

4 powder spraying lines with high-quality Swiss equipment

Advanced CNC machining centers for complex profiles

## **Quality Assurance**

We maintain strict quality control throughout our production process:

Professional inspectors examine all anodized products

Defective products are either reprocessed or scrapped

Color consistency is maintained across production batches

100% inspection before packing

ntained a	cross production bate	ches	
oacking			

## **Packaging and Shipping**

All products are carefully packaged and undergo strict warehouse management procedures to ensure quality upon delivery.

Certifications	

Soccer City Stadium in Johannesburg - the largest capacity stadium in Africa						
Collaboration with L	obster Trailers, a Nor	dic trailer manuf	acturer			

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