



## 60 Series ISO9001:2008 Certified Custom Silkscreen Printing Aluminum Audio Amplifier Box Profile

Our Product Introduction

for more products please visit us on [aluminumextrusion-profiles.com](http://aluminumextrusion-profiles.com)

### Basic Information

- Certification: SONCAP, ISO, RoHS, TUV
- Minimum Order Quantity: 500
- Price: 1

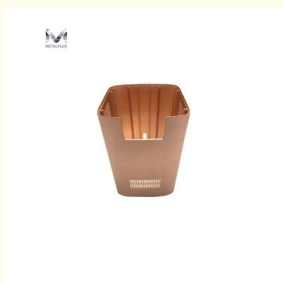


### Product Specification

- Alloy: 6063
- Temper: T3-T8
- Surface Finishing: Anodic Oxidation
- Surface Treatment: Anodizing/Powder Painting
- Polishing Type: Chemical/Mechanical Polish
- Tensile Strength:  $\geq 160\text{Mpa}$  (T5),  $\geq 205\text{Mpa}$  (T6)
- Yield Strength:  $\geq 110\text{Mpa}$  (T5),  $\geq 180\text{Mpa}$  (T6)
- Elongation:  $\geq 8\%$
- Max Diameter: 350mm
- Extrusion Capacity: 6800 Ton Unit
- Anodizing Lines: 6
- Powder Coating Lines: 4
- CNC Machining Centers: 12
- Punching Machines: 30 (50-100 Tons)
- Production Capacity: 50000PCS /Month



### More Images



## Product Description

### 6063 Custom Silkscreen Printing Powder Painted Aluminum Audio Amplifier Box Profile

MetalPlus produces an extensive assortment of top-quality, custom-standardized casings. Our selection of industrial enclosures for electronics includes aluminum profile housings, die-cast aluminum boxes, standard aluminum chassis, rack mount enclosures, and CNC precision machined components.

#### Key Product Features

- Alloy options: 6060/6061/6063/6082/6005 etc (T6/T5 available)
- Custom lengths to meet specific requirements
- Multiple surface treatments: Mill finish, Anodized, Powder Coated, Wooden Transfer
- Comprehensive fabrication services: cutting, milling, punching, stamping, drilling, CNC, assembly
- One-stop service from mold design to final delivery
- OEM and custom designs welcome

#### Product Specifications

- Aluminum top+bottom plate with aluminum case design
- Ideal for rail transit, new energy, power equipment, meteorological testing, and marine monitoring applications
- Extruded aluminum frame with die-cast aluminum panels for durability in hostile environments
- Waterproof design with excellent heat dissipation properties
- Convenient PCB or chassis mounting via horizontal sliding into inner-grooved body frame
- Suitable for measuring instruments, industrial control boxes, industrial camera housings, and outdoor WiFi access points

#### Primary 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%

#### Technical Support

- Custom design services for extruded profiles including CAD drawings and 3D models
- Professional R&D team for design analysis and optimization
- One-stop service from product design to final delivery
- Complete in-house production process control for quality assurance

#### Factory Equipment

MetalPlus operates 44 aluminum extrusion lines capable of producing commercial and industrial aluminum profiles with maximum outer diameters of 350mm. Our largest 6800-ton extruder can handle complex industrial profiles up to 600mm in diameter.

## Anodizing Process

Our 6 anodizing lines produce uniform oxidation films with consistent color options including silver, black, gold, champagne, and imitation steel. Custom colors available upon request.

## Painting Process

Our 4 powder spraying lines use high-quality Gema Switzerland spray nozzles with environmentally friendly paints for strong adhesion and durable color retention.

## CNC Machining

- 12 PRATIC machining centers for complex profile processing
- Fully automatic Wegoma cutting machines for precision cutting
- 30 punching machines (50-100 ton capacity)
- 10 stretch bending machines for precise angle bending
- 10 milling machines for various plane and groove machining

## Packing and Shipping

Finished products are carefully packaged and undergo strict quality inspection before delivery. Our organized warehouse system ensures accurate product tracking and handling.

## Certifications

## Company History

- 2004: Recognized Brand of the Building Industry Material Market
- 2006: ISO9001 Certification
- 2009: Jiangsu Famous Brand Certificate
- 2012: Established partnerships with Panasonic and LG
- 2015: Became supplier for German clients
- 2017: Developed new baseboard heater products
- 2019: Partnered with world's largest heater manufacturers
- 2023: Expanding global distribution network

## Notable Projects

**Soccer City Stadium, Johannesburg:** As the main aluminum supplier for Africa's largest stadium (94,000 seats), we contributed to this landmark project that received widespread acclaim.

**Lobster Trailers:** Our collaboration with this Nordic trailer giant demonstrates our ability to optimize designs and manufacturing processes for superior product performance.

**School Furniture Project:** Supplied aluminum legs for school desks, helping our client successfully complete their educational facility project.

