

OUR PROCESS



DIES

We have a dedicated team of experts to design & create dies according to our customer's specification.



MELTING

A mixture of aluminium ingot and other raw materials are melted down to create an alloy



BILLET

The result of the melting process is aluminium billet. We can customize the billet according to the specific series that the customer request.



EXTRUSION

Extrusion is the process of shaping the material by forcing it to flow through a shaped opening in a die



ANODIZING

During the anodizing process, each profile is coated with an oxide layer for durability, aesthetic, insulation and anti-corrosion purposes



POWDER COATING

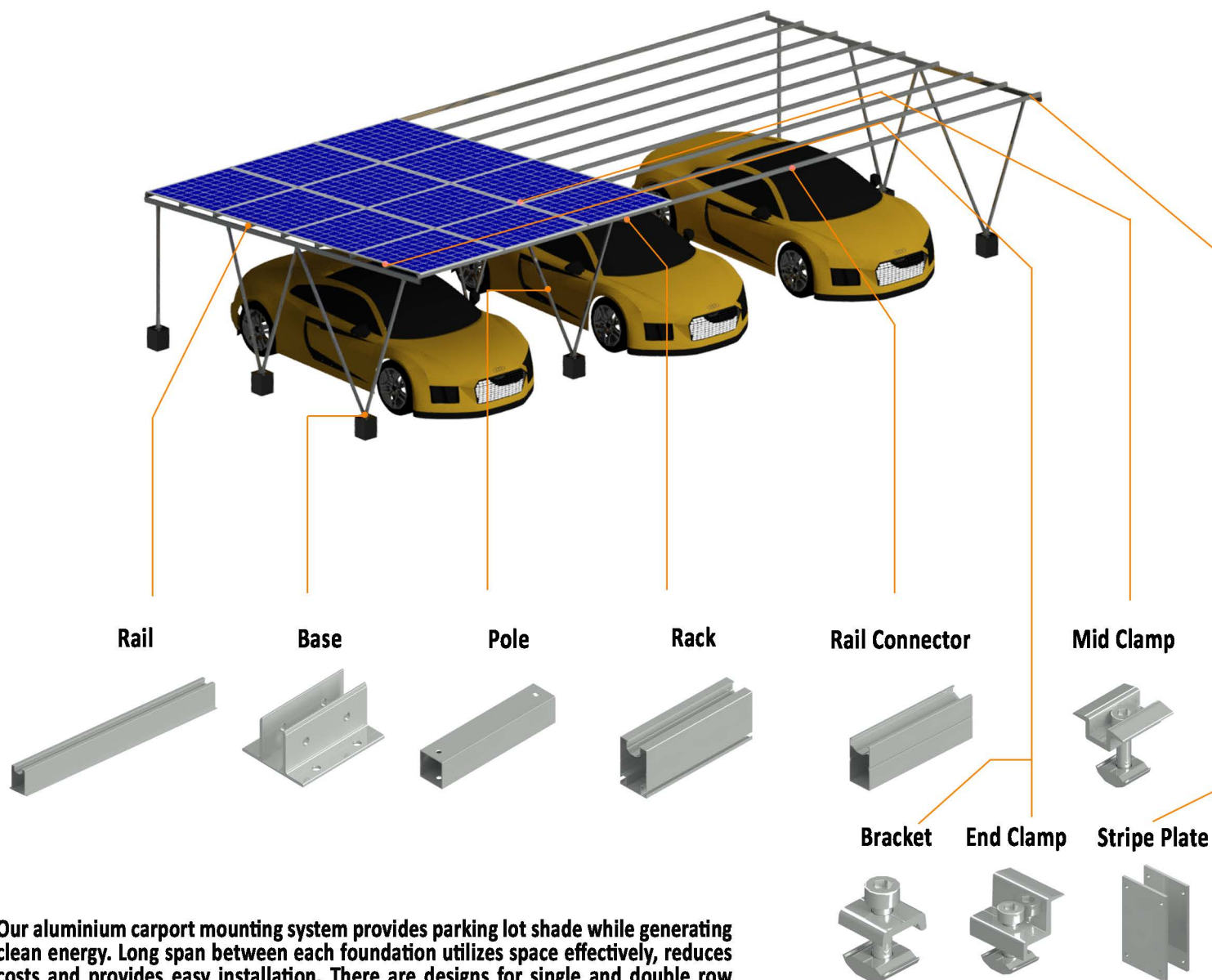
Processed by this technique, the profile is offered with many kinds of colors. The result is a uniform, durable, high quality and attractive finish. The coating will not volatilize, oxidize or pollute the environment, suitable for indoor or outdoor decoration



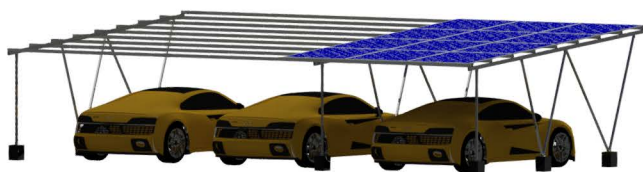
QUALITY CONTROL

Our quality control team checks for defects ensuring that every extrusion is in perfect condition and ready for packing and delivery

ALUPRO-CARPORT PV MOUNTING

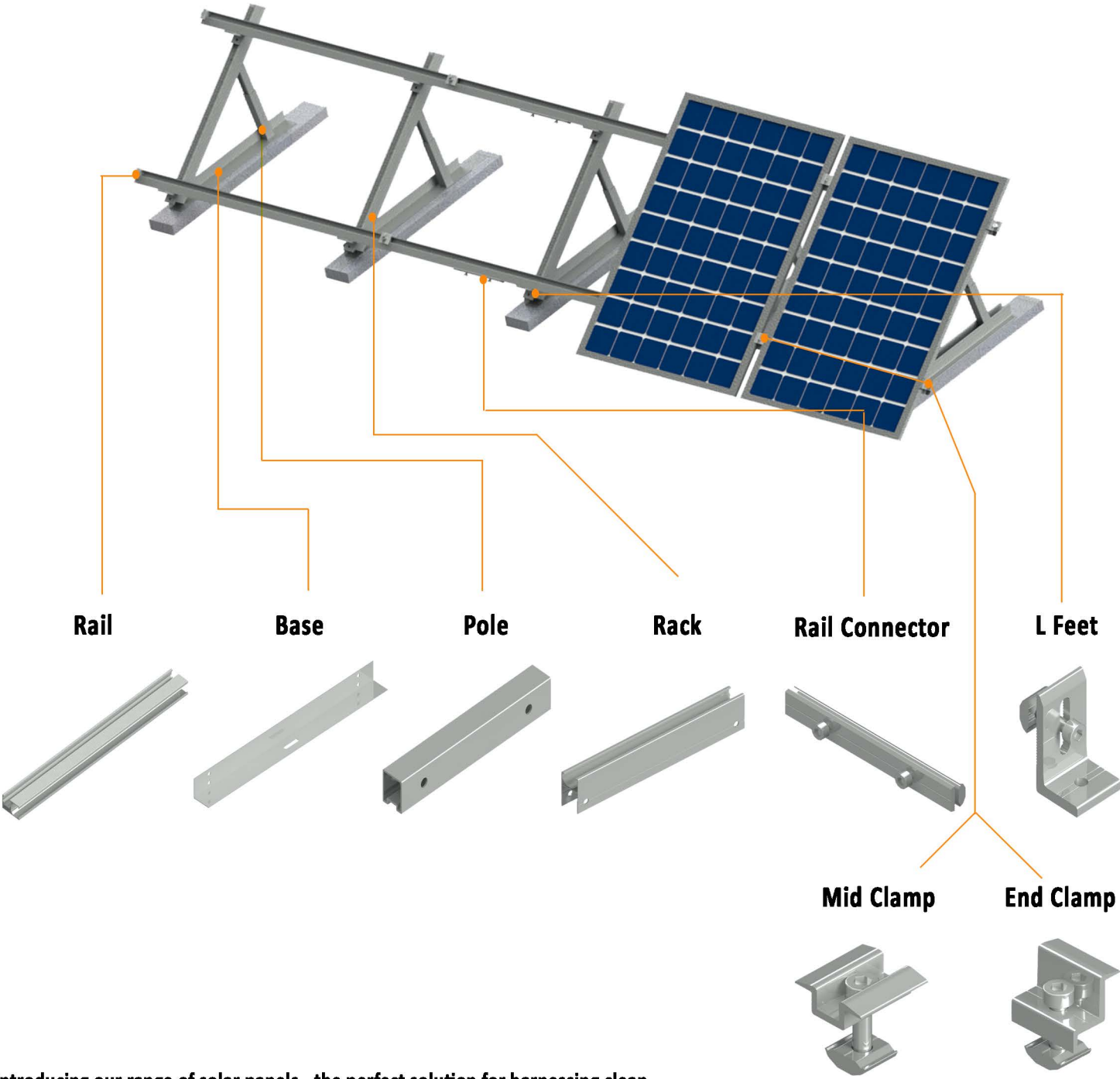


Our aluminium carport mounting system provides parking lot shade while generating clean energy. Long span between each foundation utilizes space effectively, reduces costs and provides easy installation. There are designs for single and double row parking suited accordingly to your needs.



Tilt angle	0-30°
Wind speed	0-60m/s
Material	AL6005-T5&SS304
Installation site	Ground open field

ALUPRO-GROUND PV MOUNTING

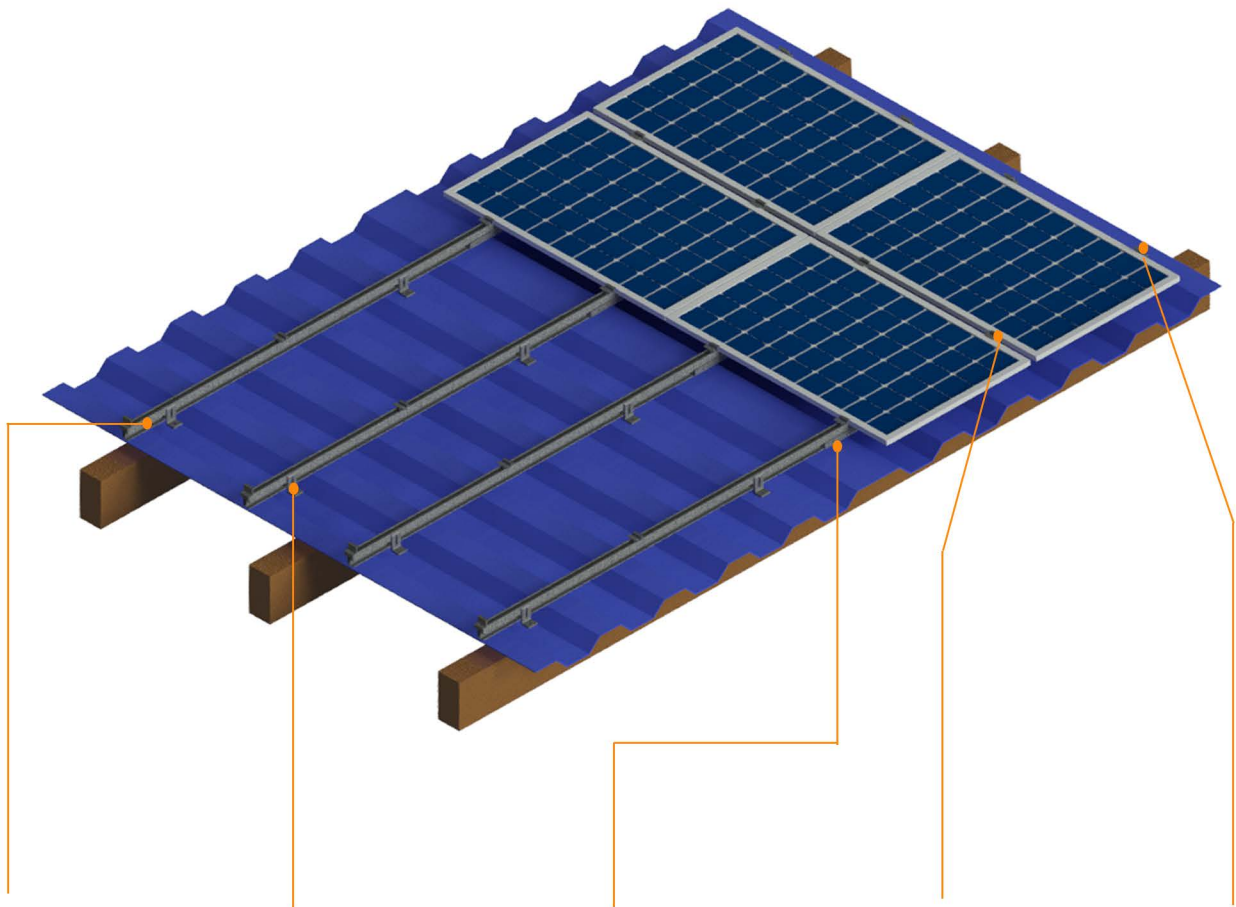


Introducing our range of solar panels - the perfect solution for harnessing clean, renewable energy from the sun. Our solar panels are designed to be efficient, reliable, and easy to install, making them an ideal choice for both residential and commercial applications.



Tilt angle	0-30°
Wind speed	0-60m/s
Material	AL6005-T5&SS304
Installation site	Concrete Foundation

ALUPRO-ROOF PV MOUNTING



Rail

L feet

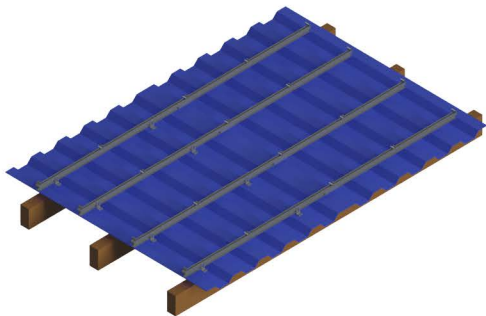
Rail Connector

Mid clamp

End clamp



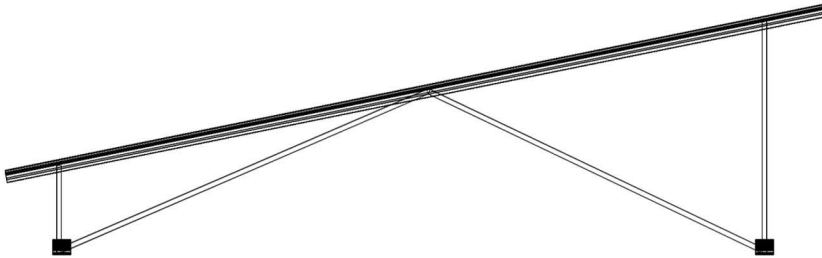
Our mounting is engineered for pitched and flat roof mounting. It is designed with easy installation in mind & longterm durability.



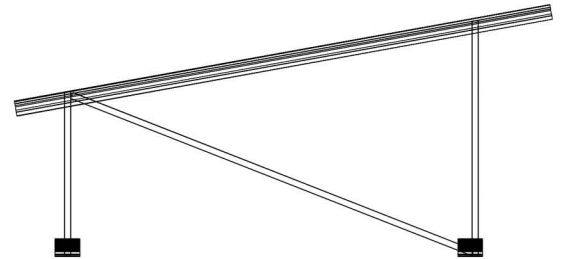
Tilt angle	0-30°
Wind speed	0-60m/s
Material	AL6005-T5&SS304
Installation site	Roof

Mounting Structure

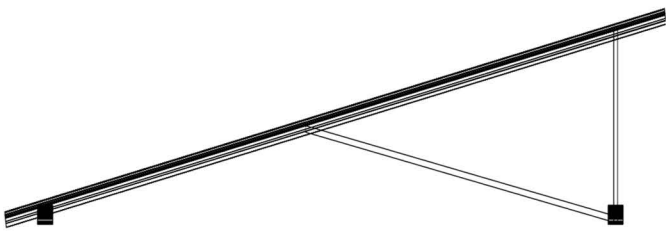
> INSTALLATION



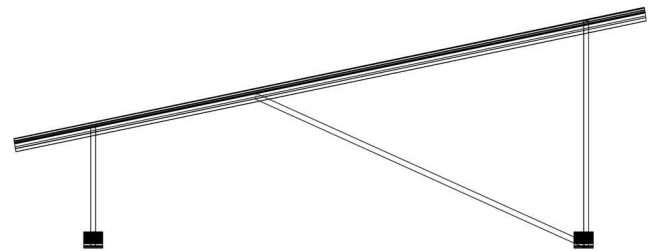
W-Shaped Pre-assembled Support



N-Shaped Pre-assembled Support



A-Shaped Pre-assembled Support

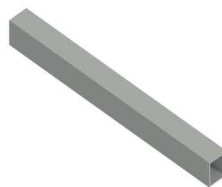


VI-Shaped Pre-assembled Support

> MATERIALS



RAIL



POLE



BASE

ADJUSTABLE ANGLE MOUNTING

FRONT AND REAR LEG

ALUPRO adjustable front and rear leg is mainly applied to metal sheet roofs, flat cement roof and ground. It could be directly installed to the roof and fixed proper klip-locks.

> Features

1	Easy, fast and convenient to install
2	Material AL6005-T5
3	Waterproof EPDM rubber pad
4	Adjustable length, flexible application



(H300mm-450mm)

10°-15°

(H450mm-750mm)

15°-30°

(H750mm-1100mm)

30°-60°

> INSTALLATION



Alupro PV Mounting

> MID CLAMP

1



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-CM-01	AL6005-T5	40mm	Silver	Anodized

> END CLAMP

A



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-CE-41	AL6005-T5	40mm (F40)	Silver	Anodized

> BRACKET FASTENING

1



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-BF-21	AL6005-T5	40mm	Silver	Anodized

B



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-CE-42	AL6005-T5	40mm (F35)	Silver	Anodized

> BRACKET BASE

1



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-BB-31	AL6005-T5	150mm	Silver	Anodized

C



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-CE-43	AL6005-T5	40mm (F30)	Silver	Anodized

2



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-BB-32	AL6005-T5	1000mm	Silver	Anodized

> GROUNDING CLIP

A



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-GC-51	AL6005-T5	20mm	Silver	Anodized

3



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-BB-33	AL6005-T5	150mm	Silver	Anodized

Alupro PV Mounting

> LFEET & ADAPTOR

1



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-BR-61	AL6005-T5	40mm	Silver	Anodized

2



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-BR-62	AL6005-T5	40mm	Silver	Anodized

3



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-BR-63	AL6005-T5	40mm	Silver	Anodized

4



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-BR-64	AL6005-T5	200mm	Silver	Anodized

> RAIL CONNECTOR

A



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-RC-71	AL6005-T5	150mm	Silver	Anodized

B



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-RC-72	AL6005-T5	150mm	Silver	Anodized

C



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-RC-73	AL6005-T5	150mm	Silver	Anodized

> KLIP-LOCKS

A

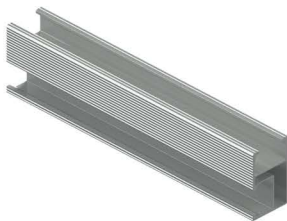


ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-KL-101	AL6005-T5	50mm	Silver	Anodized

Alupro PV Mounting

> RAIL

1



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-RA-91	AL6005-T5	1000mm	Silver	Anodized

2



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-RA-92	AL6005-T5	1000mm	Silver	Anodized

3



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-RA-93	AL6005-T5	1000mm	Silver	Anodized

4



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-RA-94	AL6005-T5	1000mm	Silver	Anodized

5



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-RA-95	AL6005-T5	1000mm	Silver	Anodized

> POLE

A



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-BP-81	AL6005-T5	1000mm	Silver	Anodized

B



ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-BP-82	AL6005-T5	1000mm	Silver	Anodized

C

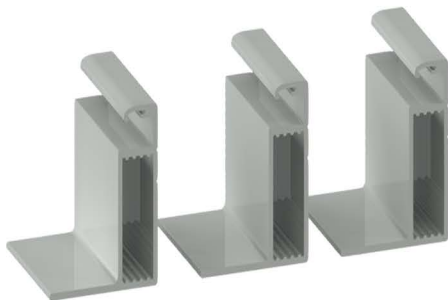
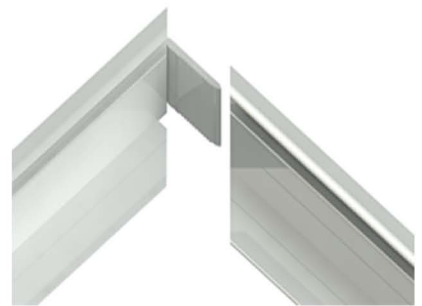


ITEM	MATERIAL	SPEC	COLOR	SURFACE
AP-BP-83	AL6005-T5	1000mm	Silver	Anodized

Solar Module Frame

At our company, we are committed to providing high-quality, reliable solar frame systems at an affordable price. Our solar frames are no exception, offering a cost-effective and environmentally friendly solution for generating clean energy. Contact us today to learn more about our frame system and how we can help you with your renewable energy needs.

➤ Components List



PT ALUMINDO BERKAT SEJAHTERA