









MOUNT BRACKET

The specifications contained in this datasheet are subject to change without prior notice. ECO DELTA reserves the right to the final interpretation. | August 29, 2024

ECO DELTA



Features/ Benefits

Installed with most types tile roofs

Portrait & Landscape orientation

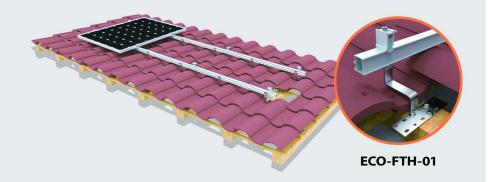
Pre-assembled

Made of SuS 304

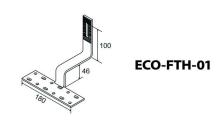
Height adjustable

Easy installation

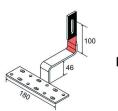
Pantile Mount Side Fixing



Portrait Orientation

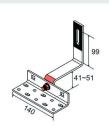


Landscape Orientation



ECO-FTH-01B

Height Adjustable



ECO-FTH-09



Features/ Benefits

Installed with most types tile roofs

Portrait & Landscape orientation

Pre-assembled

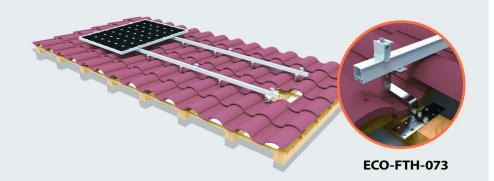
Made of SuS 304

Height adjustable

Easy installation

Firmly bottom fixing

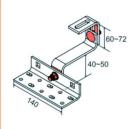
Pantile Mount Bottom Fixing



Height adjustable over tile



Height adjustable from bottom



ECO-FTH-09V



Features/ Benefits

Installed with slate /flat tile roof

Portrait & Landscape orientation

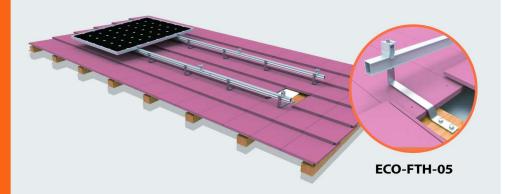
Pre-assembled

Made of SuS 304

Height adjustable

Easy installation

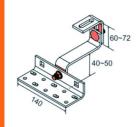
Flat Tile Mount



Portrait Orientation



Landscape Orientation



ECO-FTH-05B



Features/ Benefits

Bottom carrying of rail achieved easily by side fastening

Module orientation switched easily by rotatable adapter

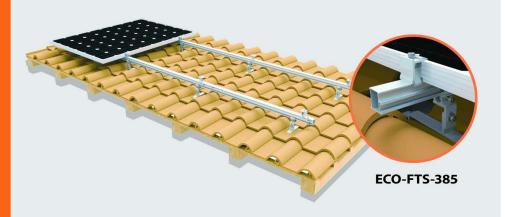
Made of AL 6005-T5

High-class anodizing surface

Pre-assembled

Height adjustable

Crown Mount



Tulip Mount



Arc Mount



ECO-FTS-360



Features/ Benefits

Installed with Asphalt Shingle Roof

Portrait and Landscape orientation

Made of AL 6005-T5

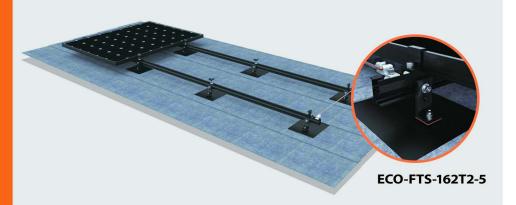
High-class anodizing surface

Pre-assembled

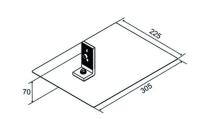
Waterproof silicon rubber and flashing integrated

Easy installation

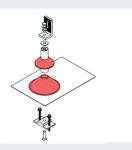
Asphalt Shingle Mount



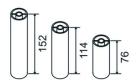
Specification



Silicon rubber



Height options





Features/ Benefits

Installed with any type asphalt shingle roof

Portrait and Landscape orientation

Made of AL 6005-T5

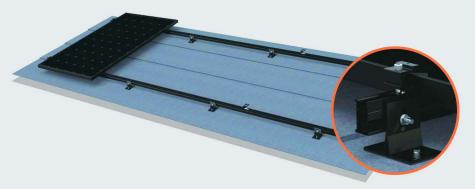
High-class anodizing surface

Pre-assembled

Waterproof butyl rubber

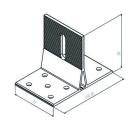
Easy installation



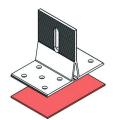


ECO-FTS-167R537-1-70

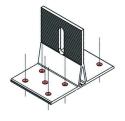
Specification



Butyl Rubber



Hole options





Stainless Steel Tie Hooks

Type No.	Image	Technical	Dimensions	Tile Roof Type
ECO-FTH-01		H1	H1=46 H2=100 W=180	
ECO-FTH-78		H1	H1=66∼98 H2=101 W=180	
ECO-FTH-09		H2	H1=41~51 H2=99 W=140	
ECO-FTH-01B		H12	H1=46 H2=100 W=180	
ECO-FTH-09B		HI HI	H1=41~51 H2=99 W=140	
ECO-FTH-73	3	H1	H1=50 H2=72~101 W=180	
ECO-FTH-09V		H1	H1=40~50 H2=60~72 W=140	
ECO-FTH-05		H2	H1=30 H2=100 W=30	
ECO-FTH-05B		H2	H1=30 H2=100 W=30	



Aluminium Tile Hooks

Type No.	Image	Technical	Dimensions	Tile Roof Type
ECO-FTH-19	\$ 5		H1=85 W1=305 W2=225	
ECO-FTH-20		H3 H2	H1=85 H2=152/114/76 H3=252/214/176 W1=340 W2=325	
ECO-FTH-167		H	H1=85 W1=109.60 W2=70	
ECO-FTH-323		H1	H1=115 H2=39-57	
ECO-FTH-329		H	H1=110 H2=52	
ECO-FTH-385		H ₂	H1=83.5-109.5 H2=33-52	

Pantile	Roman tile	Flat tile	Asphalt Shingle



Features/ Benefits

Universal used for Trapezoidal and corrugated roofs

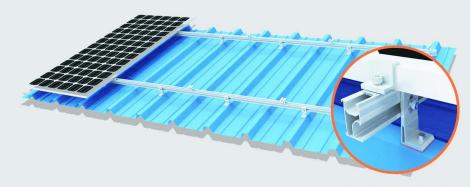
Portrait and Landscape orientation

Made of high class material AL6005-T5

Pre-assembled

Pre-Applied EPDM pad

L Feet Mount



ECO-FTS-202R537-1

Length Options



Apply with Hanger Bolt



Work with roof clamps





Features/ Benefits

Universal used for fibre-cement, trapezoidal and corrugated roofs

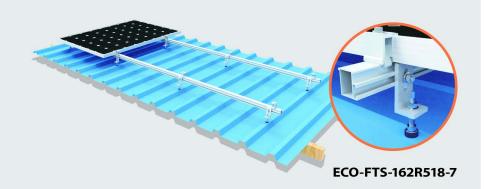
Portrait and Landscape orientation

Made of material SUS304

Height adjustable and help to increase power generation

Pre-assembled

Hanger Bolt Mount



For Wooden Rafter



ECO-HS-003-B1200 / 250 / 300

For Steel Purlin



ECO-HS-001-C120 / 160 / 200

Combined with Alu Plate



ECO-FTS-233-B200 /-C200



Features/ Benefits

Application on the trapezoidal roof profile

Portrait and Landscape orientation

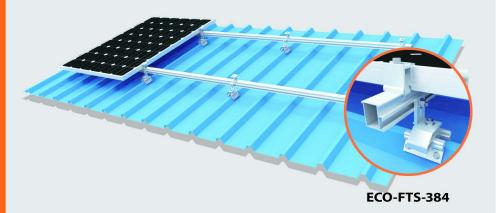
Made of high class material AL6005-T5

Every size of module array possible

Components configured completely no need extra parts purchasing

Share the roof loading

Trapezoidal Clamp Mount



Top Drilling



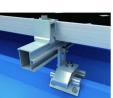


ECO-FTS-320

ECO-FTS-352

Side Drilling





ECO-FTS-381

ECO-FTS-395



Features/ Benefits

Application on the trapezodial and Sandwich roof profile

Portrait orientation

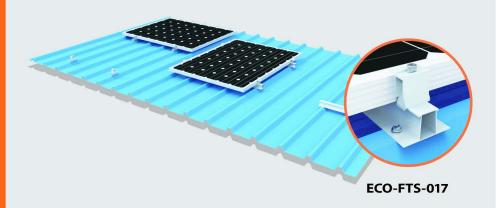
Made of high class material AL6005-T5

Lower Costing & Fast fixing

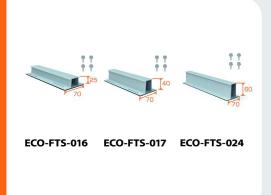
Fix on ribs only , no need drill purlin

Pre-assembled with EPDM pad

Rail-Free Mount



Different height for option



Portrait & Landscape Orientation



ECO-FTS-022

ECO-FTS-012



Features/ Benefits

Application on the Lysaght Klip-lok 406 & 700

Portrait or Landscape orientation

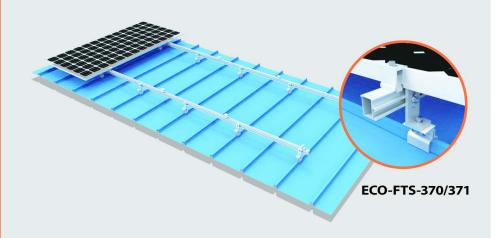
Made of high class material AL6005-T5

Every size of module array possible

Share the roof loading

Non-penetration installation

Lysaght Klip-lok Mount



Klip-lok Series



ECO-FTS-370



ECO-FTS-442



ECO-FTS-444



Features/ Benefits

Used on different seam roofs

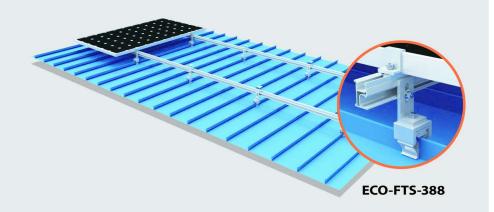
Portrait or Landscape orientation

Made of high class material AL6005-T5

One bolts fixing, saving installation time and process

Unique design with non-penetrating solutions

E-LOCK Mount



Various Shapes For Roofing Profiles



ECO-FTS-387



ECO-FTS-376



ECO-FTS-388



Standing Seam Clamps

Type No.	Image	Profile reference	Material
ECO-FTS-371		18-22	AL 6005-T5
ECO-FTS-370		-26-35 -21-26 -	AL 6005-T5
ECO-FTS-442	201	34-38 34-38 27-81 30-34	AL 6005-T5
ECO-FTS-444		30-35 17-21 26-30	AL 6005-T5
ECO-FTS-441		92.17° M 14.4- N 23.8-	AL 6005-T5
ECO-FTS-331		52-60	AL 6005-T5
ECO-FTS-422	W 13	42-81 1-1-8-8-12-8-12-8-12-8-12-8-12-8-12	AL 6005-T5
ECO-FTS-443		20.01	AL 6005-T5



Features/ Benefits

Application on trapezoidal profile and Concrete cement roofs

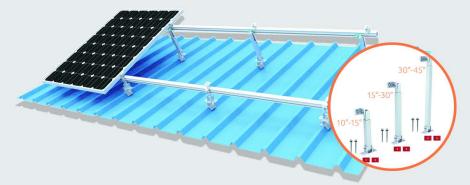
Portrait & Landscape orientation

Made of high class material AL6005-T5

Different tilt options

Optimizing the tilt to increase power generations

Tilt Mount

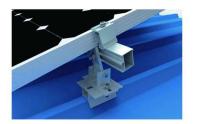


ECO-FTS-BL200/340/500

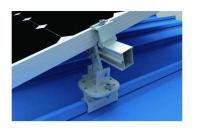
L footing base



Combined with roof clamp



Free direction possible





Flat fixed Mount



Features/Benefits

Most universal for commercial flat roofs

1 panel Landscape orientation & East to West

10°,15°,20°,25°,30° tilted angle available

Made of AL 6005-T5

Highly class anodizing surface treatment

Pre-assembly and foldable

Directly fixed to roof or ground, suitable for light roof loads.

East to West Configuration:



Email: info@ecodeltapower.com

Website: www.ecodeltapower.com



Ballast I-2 Mount



Features/Benefits

Most universal for commercial flat roofs

1 panel Landscape orientation & East to West

10°,15°,20°,25°,30° tilted angle available

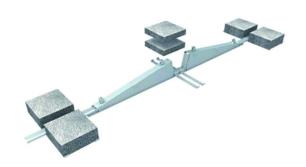
Made of AL 6005-T5

Highly class anodizing surface treatment

Pre-assembly and foldable

Non-penetration to roof and light weight roof loading

East to West Configuration:







Ballast I-3 Mount



Features/Benefits

Most universal for commercial flat roofs

1 panel Portrait &2 panels Landscape orientation

10°,15°,20°,25°,30° tilted angle available

Made of AL 6005-T5

Highly class anodizing surface treatment

Pre-assembly and foldable

Non-penetration to roof and light weight roof loading

Customized Configurations





Ballast III Mount



Features/Benefits

Most cost-effective for commercial flat roofs

1 panel Landscape orientation

10°,15°,20°,25°,30° tilted angle available

Various modules configurations are possible

Made of Aluminum

1 step installation

Non-penetration to roof and light weight roof loading

Simple Installation









Ballast VI Mount



Features/Benefits

Most universal for commercial flat roofs

1 panel Landscape orientation

Fixed tilt angle at 12°

Highly class anodizing surface treatment

Made of AL 6005-T5

Only 1 tools installation needed for all fixing

Non-penetration to roof and light weight roof loading

Ballast Placement Options

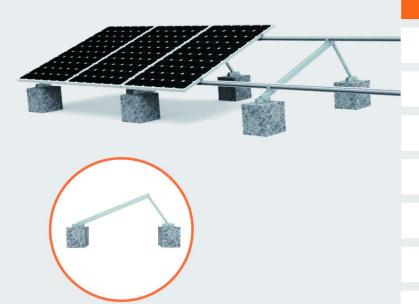








Adjustable Aluminum Alloy Triangular Mount



Features/Benefits

Most cost-effective for commercial flat roofs

1 panel Portrait orientation

10°-30° tilted angle adjustable

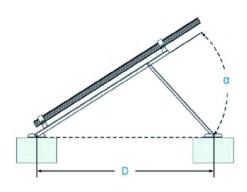
Highly class anodizing surface treatment

Made of AL 6005-T5

Pre-assembly and foldable

Non-penetration to roof and light weight roof loading

Angle Adjustable by moving the concrete distance

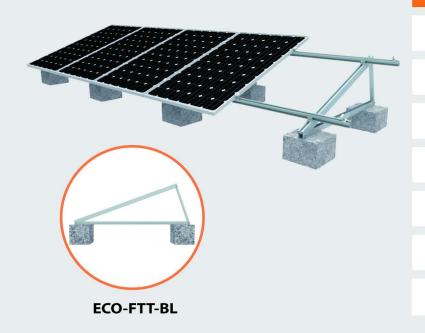


ECO-ATT-BL

Degree	Concrete Distance(D/mm)
15°	2556
20°	2394
25°	2157
30°	1681



Fixed Aluminum Alloy Triangular Mount



Features/Benefits

Most universal for commercial flat roofs

1 panel Portrait orientation

10°.15°.20°.25° tilted angle available

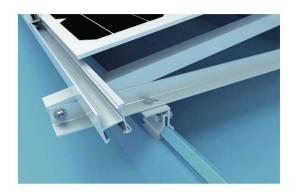
Highly class anodizing surface treatment

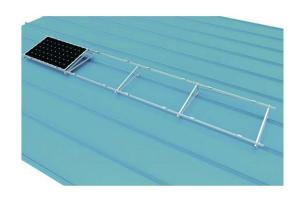
Made of AL 6005-T5

Pre-assembly and foldable

Non-penetration to roof with Lower cost

Tilt Mount On Metal Sheet







Classic Rail

Rail & Splice Kit



Mid Clamp & End Clamp





Infit Rail

Rail & Splice Kit

#516 Rail 4200mm,3200mm,2100mm	TT TT	#516 Rail Splice Kit Spec:150mm
#517 Rail 4200mm,3200mm,2100mm	TT TT	#517 Rail Splice Kit Spec:150mm
#518 Rail 4200mm,3200mm,2100mm		#518 Rail Splice Kit Spec:150mm
#519 Rail 4200mm,3200mm,2100mm		#519 Rail Splice Kit Spec:150mm
#520 Rail 4200mm,3200mm,2100mm	TT T	#520 Rail Splice Kit Spec:150mm

Mid Clamp & End Clamp

市市市市市	Mid Clamp 30/33/35/38/40mm	· 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中	End Clamp 30/33/35/38/40mm
	Adjustable Mid Clamp 30~40mm		Adjustable End Clamp 30-40mm



Aluminum Aloy T2VC Mount



Features/Benefits

"V" support design, improve the stability

Pre-assembly and foldable

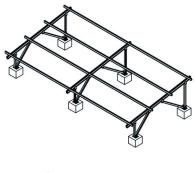
Portrait or Landscape orientation

Made of AL6005-T5, Highly class anodizing

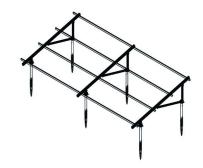
Customized arrays and height are possible

Foundation works with Concrete & Ground Screw & Anchor

Foundation Applications



Concrete I



Ground screw



Anchor



Steel U2V Mount



Features/Benefits

"V" support design, improve the stability

Pre-assembly and foldable

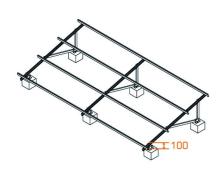
Portrait or Landscape orientation

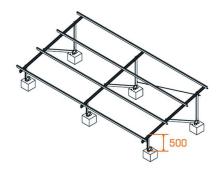
Made of Q235B/Q355B, Hot Dip galvanizing

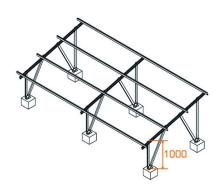
Customized arrays and height are possible

Foundation works with Concrete & Ground Screw & Anchor

Height Customization









Steel Pipe Mount



Features/Benefits

Special pipe support

Pre-assembly and foldable

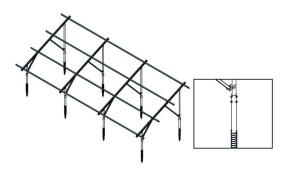
Portrait or Landscape orientation

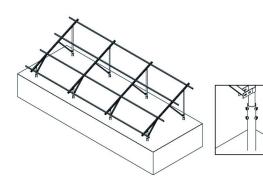
Made of Q235B/Q355B, Hot Dip galvanizing

Customized arrays and height are possible

Foundation works with Concrete & Ground Screw & Anchor

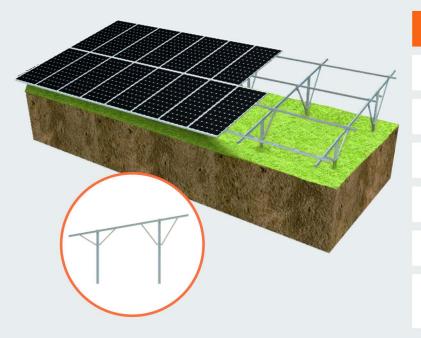
Foundation Application







Pile-Driven Mount



Features/Benefits

Ramming installation concept

Effective for large scale solar plant

Portrait or Landscape orientation

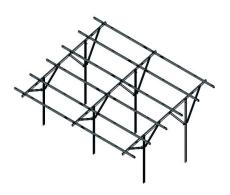
Both aluminum and steel are options

Customized arrays and height are possible

Foundation with pile only or combined with cement pouring

Larger Arrays









Single Pole Carport



Features/Benefits

Mostly used for commercial parking lots

Single pole, No obstacles between cars

Portrait or Landscape orientation

Made of Q355B, Hot Dip galvanizing or painting

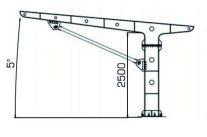
Double sides parking is available

Water-proof option is provided

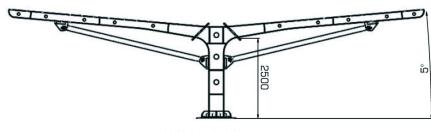
Customized arrays and height are possible

Strength calculation support

Dimensions



1 Side Parking



2 Sides Parking



Four Poles Carport



Features/Benefits

Mostly used for home parking lots

Four Poles,2 cars parking

Portrait or Landscape orientation

Both aluminum and steel materials are available

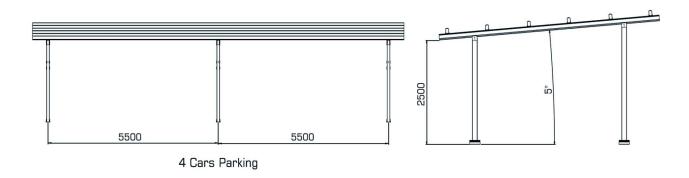
Effective and convenient on installation

Water-proof option is provided

Customized arrays and height are possible

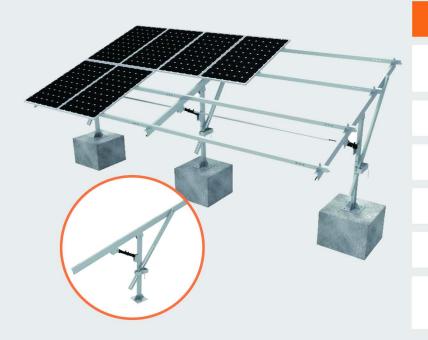
Strength calculation support

Dimensions





Adjustable Steel Ground Mount



Features/Benefits

Seasonally adjustable to improve the power output

Specially design method with Wheeljacks

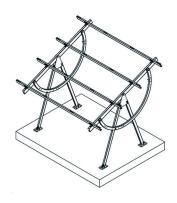
Non-limitation on the angle

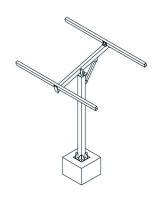
Made of Q235B/Q355B, Hot Dip galvanizing

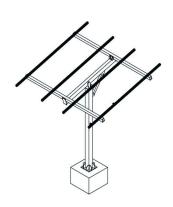
Foundation works with both Concrete & Pile

Enable the adjusting capacity 4MW/2persons per day

Customized Design









ROOFTOP EARTHING

Earthing Clip & Lug





ECO-GTC-R5A Grounding Clip [Closed 8.5mm]





ECO-GTC-R5B Grounding Clip [Open 8.5mm]





ECO-GTC-R3C Grounding Clip [Open 12mm]





ECO-GTC-R30 Grounding Clip for Ballast



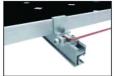


ECO-GTC-R30 Grounding Clip for Ground Mount



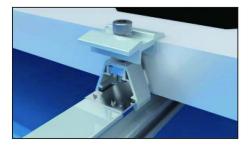


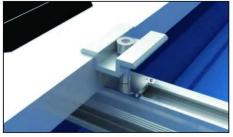
ECO-GTC-R3G Grounding Clip For T Mid Clamps

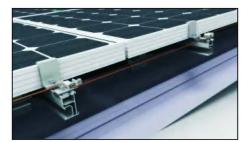




ECO-592-1 Grounding Lug







These products are designed to bond solar PV modules to mounting structures and create an electrical path to ground.



GROUND SCREW & ANCHOR

Ground screw type I with flange I

- · Material steel Q235B
- · High class hot galvanized 80µ

ItemNo.	Diameter(mm)	Length(mm)	Thickness(mm)
ECO-GS-F1-1200-3.0T	76	1200	3.0
ECO-GS-F1-1600-3.0T	76	1600	3.0
ECO-GS-F1-2000-3.0T	76	2000	3.0
ECO-GS-F1-2500-3.0T	76	2500	3.0
ECO-GS-F1-1200-3.5T	76	1200	3.5
ECO-GS-F1-1600-3.5T	76	1600	3.5
ECO-GS-F1-2000-3.5T	76	2000	3.5
ECO-GS-F1-2500-3.5T	76	2500	3.5

Ground screw type I with flange II · Material steel Q235B

- · High class hot galvanized 80µ

ItemNo.	Diameter(mm)	Length(mm)	Thickness(mm)
ECO-GS-F2-1200-3.0T	76	1200	3.0
ECO-GS-F2-1600-3.0T	76	1600	3.0
ECO-GS-F2-2000-3.0T	76	2000	3.0
ECO-GS-F2-2500-3.0T	76	2500	3.0
ECO-GS-F2-1200-3.5T	76	1200	3.5
ECO-GS-F2-1600-3.5T	76	1600	3.5
ECO-GS-F2-2000-3.5T	76	2000	3.5
ECO-GS-F2-2500-3.5T	76	2500	3.5

Ground screw type II with flange I · Material steel Q235B

- · High class hot galvanized 80µ

ItemNo.	Diameter(mm)	Length(mm)	Thickness(mm)
ECO-GSY-76F1-24-1200-3.0T	76	1200	3.0
ECO-GSY-76F1-24-1600-3.0T	76	1600	3.0
ECO-GSY-76F1-24-2000-3.0T	76	2000	3.0
ECO-GSY-76F1-24-2500-3.0T	76	2500	3.0
ECO-GSY-76F1-24-1200-3.5T	76	1200	3.5
ECO-GSY-76F1-24-1600-3.5T	76	1600	3.5
ECO-GSY-76F1-24-2000-3.5T	76	2000	3.5
ECO-GSY-76F1-24-2500-3.ST	76	2500	3.5

Ground screw type II with flange II · Material steel Q235B

- · High class hot galvanized 80µ

ItemNo.	Diameter(mm)	Length(mm)	Thickness(mm)
ECO-GSY-76F2-24-1200-3.0T	76	1200	3.0
ECO-GSY-76F2-24-1600-3.0T	76	1600	3.0
ECO-GSY-76F2-24-2000-3.0T	76	2000	3.0
ECO-GSY-76F2-24-2500-3.0T	76	2500	3.0
ECO-GSY-76F2-24-1200-3.5T	76	1200	3.5
ECO-GSY-76F2-24-1600-3.5T	76	1600	3.5
ECO-GSY-76F2-24-2000-3.5T	76	2000	3.5
ECO-GSY-76F2-24-2500-3.5T	76	2500	3.5





GROUND SCREW & ANCHOR

Adjustable ground screw type I without flange

- · Material steel Q235B
- · High class hot galvanized 80µ

ItemNo.	Diameter(mm)	Length(mm)	Thickness(mm)
ECO-GST-76N-1200-3.0T	76	1200	3.0
ECO-GST-76N-1600-3.0T	76	1600	3.0
ECO-GST-76N-2000-3.0T	76	2000	3.0
ECO-GST-76N-2500-3.0T	76	2500	3.0
ECO-GST-76N-1200-3.5T	76	1200	3.5
ECO-GST-76N-1600-3.5T	76	1600	3.5
ECO-GST-76N-2000-3.5T	76	2000	3.5
ECO-GST-76N-2500-3.5T	76	2500	3.5

Adjustable ground screw type II without flange

- · Material steel Q235B
- · High class hot galvanized 80µ

ItemNo.	Diameter(mm)	Length(mm)	Thickness(mm)
ECO-GST-N16-1200-3.0T2	76	1200	3.0
ECO-GST-N16-1600-3.0T2	76	1600	3.0
ECO-GST-N16-2000-3.0T2	76	2000	3.0
ECO-GST-N16-2500-3.0T2	76	2500	3.0
ECO-GST-N16-1200-3.5T2	76	1200	3.5
ECO-GST-N16-1600-3.5T2	76	1600	3.5
ECO-GST-N16-2000-3.5T2	76	2000	3.5
ECO-GST-N16-2500-3.5T2	76	2500	3.5

Adjustable ground screw flange I · Material steel Q235B

- · High class hot galvanized 80µ

ItemNo.	Diameter(mm)	Length(mm)	Thickness(mm)
ECO-AFP-76F1-500-3.0T	200	500	3.0
ECO-AFP-76F1-800-3.5T	200	800	3.5

Adjustable ground screw flange II · Material steel Q235B

- · High class hot galvanized 80µ

ItemNo.	Diameter(mm)	Length(mm)	Thickness(mm)
ECO-AFP-76F2-500-3.0T	200	500	3.0
ECO-AFP-76F2-800-3.5T	200	800	3.5

Anchor foundation

- · Material steel Q235B
- · High class hot galvanized 80µ

ItemNo	Description	
ECO-NK-03 Anchor foundation with	3pipes	
ECO-NK-06 Anchor foundation with	9pipes	
ECO-NK-12 Anchor foundation with	12pipes	









CABLE ACCESSORY

Cable Clip



ECO-FSC-CP1 PV cable clips 2.5 Hold one or two 2.5mm² solar cable ECO-FSC-CP2 PV cable clips 4.0 Hold one or two 4.0mm² solar cable ECO-FSC-CP3 PV cable clips 6.0 Hold one or two 6.0mm² solar cable

- · Package 8000 PCS/CTN
- · Weight 17.6 kg
- · Made of stainless steel SUS304



ECO-FSC-CP4 PV cable clips 90 /180° 4.0 Hold one or two 4.0mm² solar cable ECO-FSC-CP5 PV cable clips 90 /180° 6.0 Hold one or two 6.0mm² solar cable

- · Package 8000 PCS/CTN
- · Weight 17.6 kg
- · Made of stainless steel SUS304



ECO-FSC-CP6 PV cable clips to hold 3-4 cables,3cables/6mm²; 4cables/4mm²

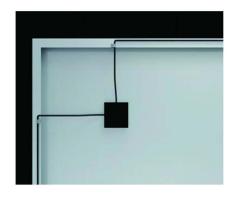
- · Package 8000 PCS/CTN
- · Weight 17.6 kg
- · Made of stainless steel SUS304



ECO-FSP-CP1 PV cable clips to hold 4-6 cables.

4cables/10mm²; 4cables/8mm²; 5-6 cables/6mm²

- · Package 4000 PCS/CTN
- · Weight 10kg
- · Made of plastic





ECO-FSC-CP1/2/3/4/5 ECO-FSP-CP-01 ECO-FSC-CP6



ECO DELTA POWER CO LTD

- (+86) 0519-88887678
- info@ecodeltapower.com
- No. 47 Qingyang Road, Tianning, Changzhou City, Jiangsu Province, China

ECO DELTA