



Cable Retractor System

Side Mounted

USER MANUAL - NEE Q





Cable Retractor System

Side Mounted

USER MANUAL - NEE Q

● 12 号壳架

四面均可安装，可安在桩体侧面，墙壁或屋顶等





1. Introduction

The EV charger cable rolling device is used for the charging gun cable. It balances the accumulated elastic force of the scroll spring with the cable gravity, so that the cable is in a "suspended" state to avoid friction with the ground. Make the whole charging station look more beautiful, extend the cable life.

2. Principle

The principle of spring energy storage, with ratchet self-locking function, can be considered to control the stretching speed and stretching length; When in use, just pull to the desired length after a pause, so that it recovers 1-2cm automatically locked in the suspension state. After use, gently pull 1-2cm to remove the self-locking, automatic recovery, safe and convenient, avoid cable mopping and being crushed by vehicles, effectively improve cable mopping wear, extend cable service life, reduce the labor intensity of users.

3. Product model and performance parameters

3.1 Product Model: NEE Q

2.2. Technical Specifications of the Components

Serial number	Product name	Material	Quantity	Remarks
1	Steel wire rope	304 Stainless Steel, PU outer protection	1	Fuselage assembly completed
2	Self-locking roulette	Aluminum Alloy	1	Fuselage assembly completed
3	Baseplate	Iron, spray casting	1	Fuselage assembly completed

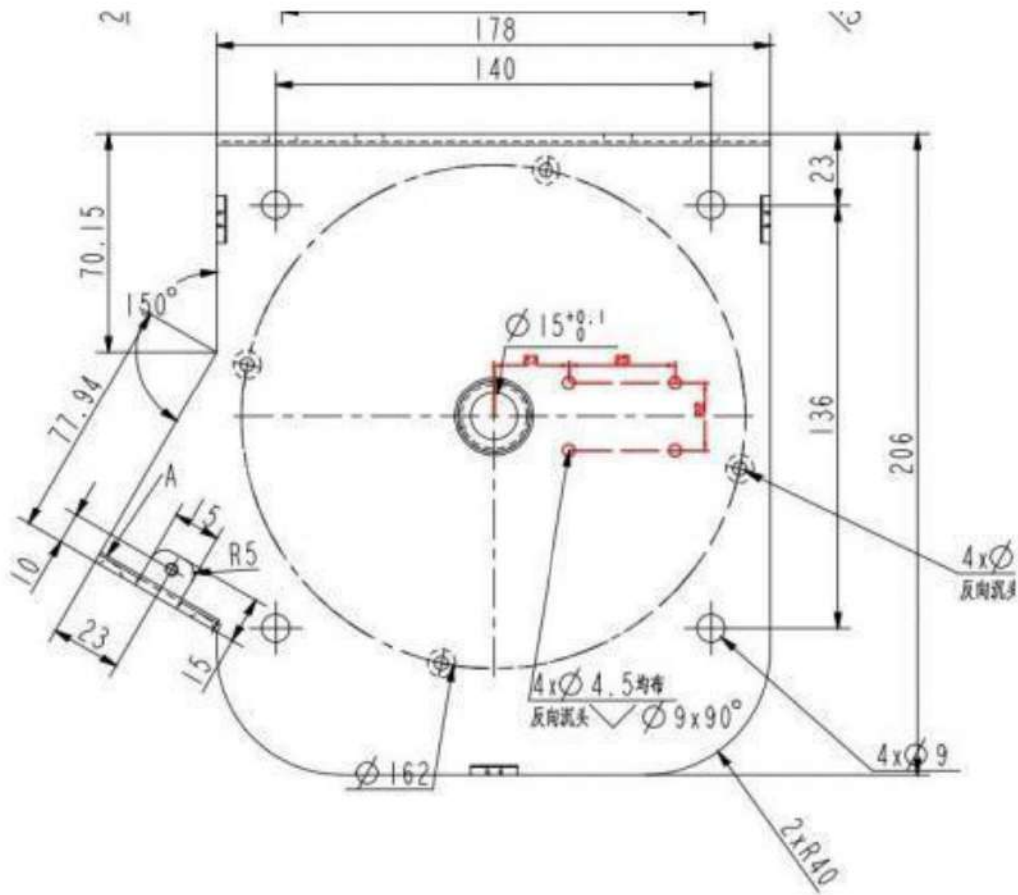


4	Capel	304 stainless steel	1	Fuselage assembly completed
5	Figure eight tail sleeve	Aluminum Alloy	1	Fuselage assembly completed
6	Ceramic module	Ceramic and nylon inlay material	1	Fuselage assembly completed
7	Matching screw	304 Stainless Steel	1	Fuselage assembly completed
8	Axle	Galvanized iron	1	Fuselage assembly completed

2.3 Main performance parameters

Series	Stretching length(m)	Tension (N)	Inner diameter of Rubber Ring (mm)	Weight
NEE- Q 3	3m	30N-50N	24.5/28/31/36.5/39.5mm	3.90KG
NEE – Q 5	2.6-2.9m	65N -100N	24.5/28/31/36.5/39.5mm	4.10KG

4. Features and advantages of products

公差 $\pm 1\text{mm}$ 



NO.1

精工制造

Spring housing.
High quality aluminum alloy shell, light weight, explosion-proof.



NO.2

精工制造

Regulating device.
Manual adjustment device, used to adjust the size of the spring force, easy to install and debug.





NO.3

精工制造

Exterior cover.

T14 iron cover, internal and external spray treatment, using epoxy powder, beautiful appearance, corrosion resistance. Appearance design Multiple mounting holes for easy installation at multiple angles.



NO.4

精工制造

Outlet spring.

Effectively prevent collision and friction.





Top Mounting Cable Retractor





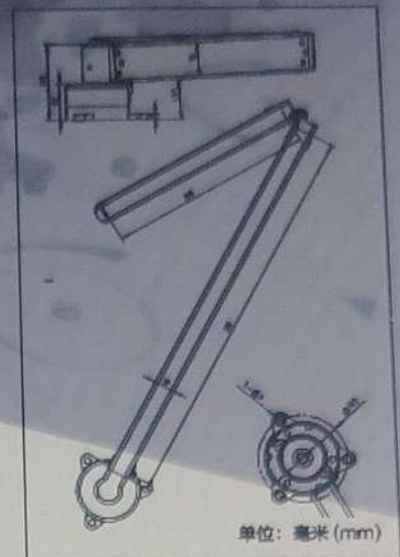
FOLDING ARM RETRACTORS

型号

型号 APD-DL (R) XX-XX, XX为臂的长度,
L 为左臂, R 为右臂

优势

- 真正做到省力效果, 拉动轻便
- 结构稳定, 可靠性高
- 寿命 10 万次以上
- 长度可订做, 可做三节臂
- 安装维护方便快捷



参数介绍

- 主臂转轴有卷簧回位, 副臂转轴有扭簧回位
- 底座带阻尼
- 铝合金材质, 机身轻便, 强度高。
- 最大承载: 80kg
- 最大工作承载: 20kg
- 行程: 可定做, 主节长度 A: 400~700mm,
副节长度 B: 200~400mm,
长度合计 A+B 不超过 1000mm
- 旋转角度: 主节 180°, 副节 167°
- 表面喷涂



NEW ENERGY ENTERPRISES

Product specification

Folding Arm Retractor System

MODEL: MAPD-DR600Left

MAPD-DL600 Right

Service Life : 80000 Cycles

New Energy Enterprises, 91- 9810184149

Email: anilkumar@newenergyenterprises.com

I. specification

Product material name and specifications

Item	Name	Material	Quantity	Remark
1	Base	Aliminum Alloy	1	
2	Swing arm	Aliminum Allo	4	
3	Connector	Aliminum Allo	1	
4	Folding armjoint	Aliminum Allo	1	
5	End cap	PA6	1	
6	Mounting screws	304 stainless steel 8*25 cylindrical hexagon socket combination screws	4	

1. The rotation axis of the large arm is reset by a coil spring, and the rotation axis of the small arm is reset by a torsion spring.

2. Length of the large arm A: 300-700mm, length of the small arm B: 300mm.

3. Working load: 30kg. Maximum load: 100kg.

4. Rotation angle: 180° for the large arm, 135° or 90° for the small arm.

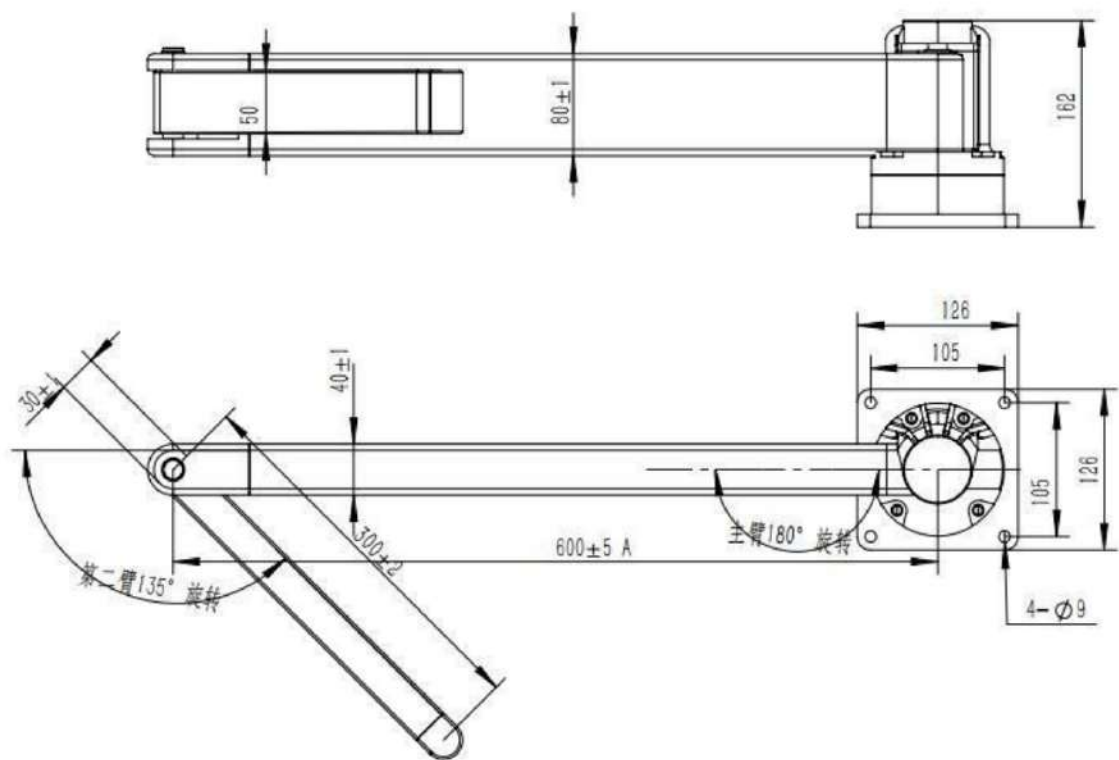
II. Packaging Instructions

2 sets per box, packaging size: 1200*180*115mm, total packaging weight: 12kg

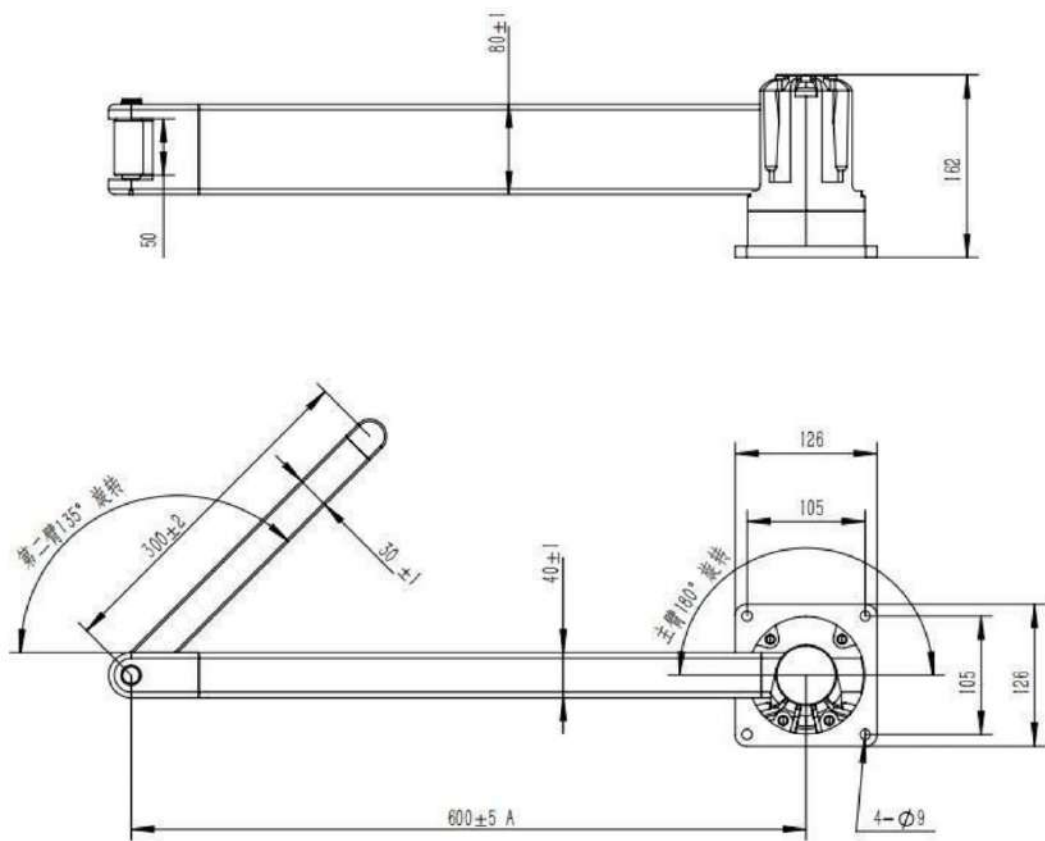
III. Drawing

tolerance: $\pm 1\text{mm}$

Left: MAPD-DL600



Right: MAPD-DR600



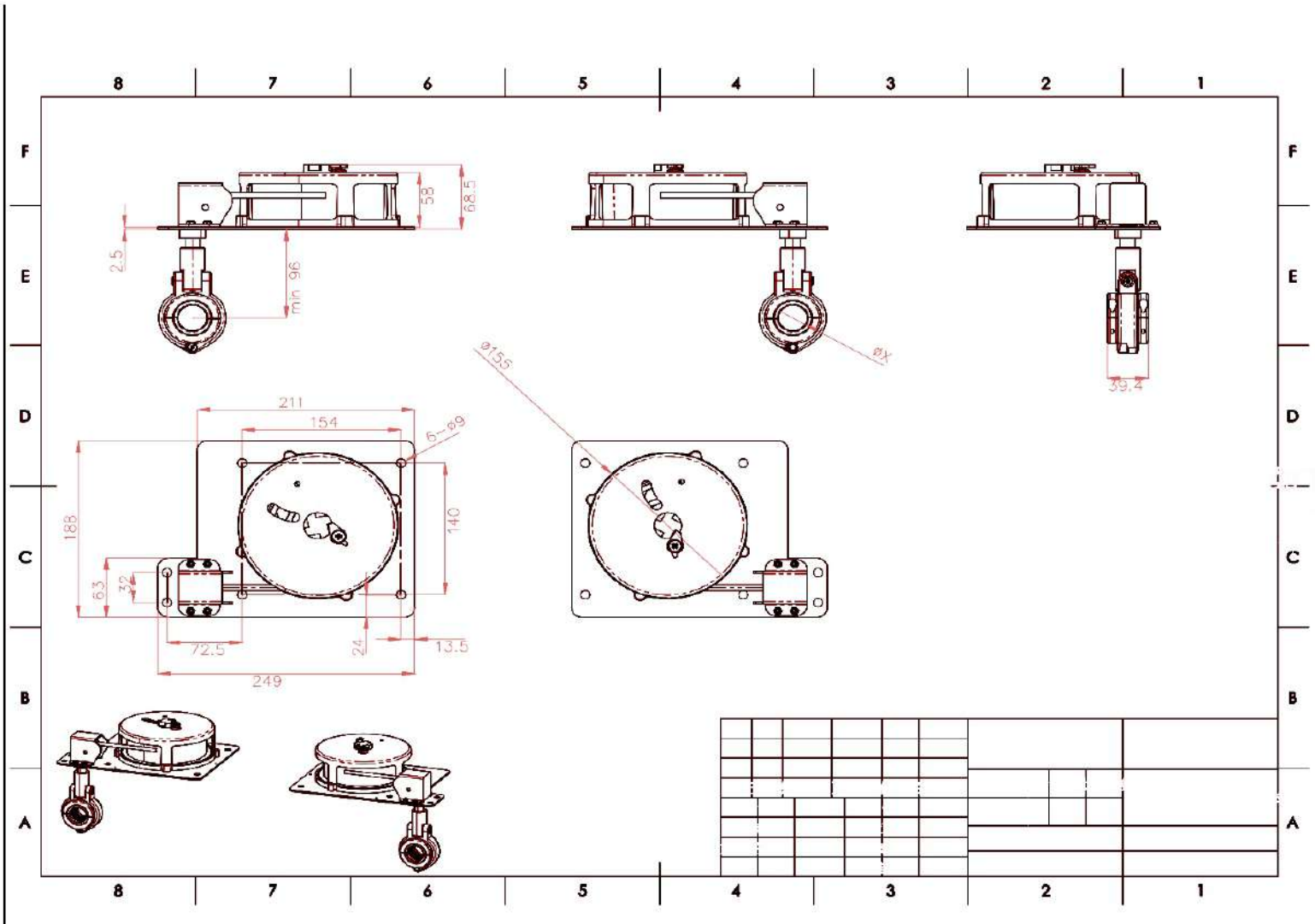


FOLDING ARM RETRACTORS



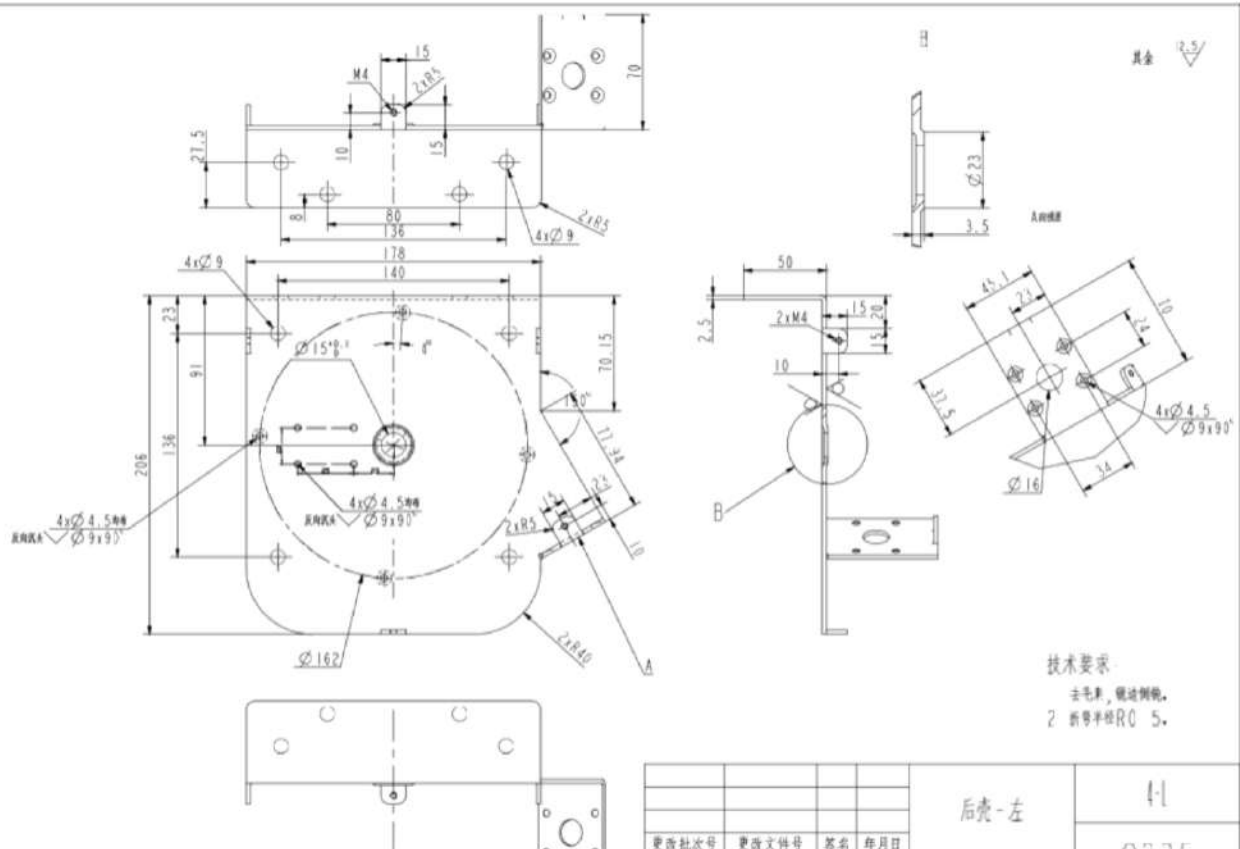


DIMENSIONS: Top Mounting Cable Retractor





DIMENSIONS: Side Mounting Cable Retractor



技术要求:
去毛刺, 锐边倒钝。
2 折弯半径 R0.5。

New Energy Enterprises
Mobile: 91 9810184149, 8882662892
anilkumar@newenergyenterprises.com

				后壳-左			I-I
							Q235
更改批次数	更改文件号	签名	年月日	阶段标记	数量	比例	
设计	标准化			S		1:31	2
校对							
审核							
工艺	批准						