



# 好幫手全自動中型電動起子 / 防靜電型

## ASA Full-auto shut off medium torque electric screwdrivers / ESD type

低壓直流馬達驅動型（附電源控制器）  
Low voltage DC motor driving (with controller)



可訂製ESD防靜電型  
ESD type is available for ordering.



### 特點 Feature

- 符合人因工學及蛋形防滑設計，外形輕便。
  - 低噪音，高效率。
  - 高精準，大範圍扭力輸出。
  - 扭力到達，離合器自動準確跳脫。
- Ergonomics and anti-slip egg-shaped design ensures operator comfort.
  - Low noise high efficiency.
  - High accuracy and wide large torque range.
  - Excellent torque control-Ensure accuracy in fastening with precision designed automatic shut-off clutch.

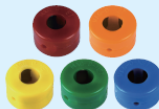
### 槓桿式 Lever start type - 下壓式 Push to start type (PS)

| 機種名<br>Model No. | 輸出扭力範圍<br>Torque range |             | 適用電源控制器<br>Available controller | 無載轉速(±10%)<br>No Load<br>Speed (rpm) | 適用螺絲<br>Available screw     |                             |
|------------------|------------------------|-------------|---------------------------------|--------------------------------------|-----------------------------|-----------------------------|
|                  | kgf-cm                 | lbf-in      |                                 |                                      | 機械牙徑 Machine screw $\phi$   | 自攻牙徑 Tapping screw $\phi$   |
| ASA-6000         | 1.5 ~ 12.0             | 1.30 ~ 10.4 | APM-302C<br>AM-85               | 650-1150                             | 2.0 ~ 3.0mm / 0.08 ~ 0.12in | 2.0 ~ 2.6mm / 0.08 ~ 0.10in |
| ASA-6000(PS)     | 1.5 ~ 12.0             | 1.30 ~ 10.4 | APM-302C<br>AM-85               | 600-1000                             | 2.0 ~ 3.0mm / 0.08 ~ 0.12in | 2.0 ~ 2.6mm / 0.08 ~ 0.10in |
| ASA-6500         | 4.0 ~ 20.0             | 3.5 ~ 17.4  | APM-302C<br>AM-85               | 550-850                              | 2.6 ~ 4.0mm / 0.10 ~ 0.16in | 2.3 ~ 3.5mm / 0.09 ~ 0.14in |
| ASA-6500(PS)     | 4.0 ~ 20.0             | 3.5 ~ 17.4  | APM-302C<br>AM-85               | 550-850                              | 2.6 ~ 4.0mm / 0.10 ~ 0.16in | 2.3 ~ 3.5mm / 0.09 ~ 0.14in |
| ASA-6800         | 5.0 ~ 25.0             | 4.3 ~ 21.7  | APM-302C<br>AM-85               | 450-700                              | 3.0 ~ 5.0mm / 0.12 ~ 0.20in | 2.6 ~ 4.0mm / 0.10 ~ 0.16in |
| ASA-6800(PS)     | 5.0 ~ 25.0             | 4.3 ~ 21.7  | APM-302C<br>AM-85               | 450-700                              | 3.0 ~ 5.0mm / 0.12 ~ 0.20in | 2.6 ~ 4.0mm / 0.10 ~ 0.16in |

### 適用電源控制器 Available controller

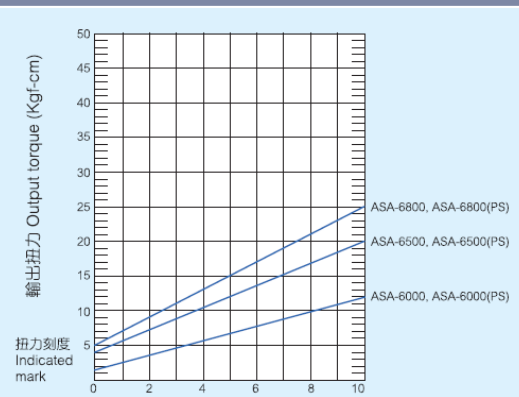
| 外觀<br>Outline                                                                      | 機種名<br>Model No.                 | 工作電壓(AC)<br>Operating vol. | 輸出電壓(DC)<br>Output vol.         | 體積(mm)<br>Dimension | 重量(g)<br>Weight | 可操作起子數<br>Drivable | 安規認可<br>Approval by                             |
|------------------------------------------------------------------------------------|----------------------------------|----------------------------|---------------------------------|---------------------|-----------------|--------------------|-------------------------------------------------|
|  | APM-302C<br>軟式啟動<br>(Soft start) | 100 ~ 240V                 | 20 ~ 30V<br>可調式<br>(Adjustable) | 172X84X46           | 380             | 1 screwdriver      | CB,CE,<br>UL(CUL),<br>ROHS,REACH<br>KC,FCC,UKCA |
|  | AM-85                            | 100 ~ 240V                 | 20 ~ 30V<br>可調式<br>(Adjustable) | 172X84X61           | 450             | 1 screwdriver      | CB,CE,<br>UL(CUL),<br>ROHS,REACH                |

### 電動起子週邊設備 (選購品) Attachment of electric screwdriver (Optional)

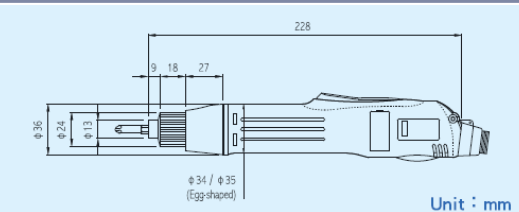
| 外觀<br>Outline                                                                      | 名稱<br>Description                                                                                                                              | 規格<br>Specification                                                                              |          |          |                  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------|----------|------------------|
|  | 彎90° 轉接頭<br>Right angle head                                                                                                                   | 4A9123<br>(槓桿式系列適用 lever start type series available)                                            |          |          |                  |
|  | 扭力護套<br>Torque cover                                                                                                                           | 4H2053 (槓桿式系列適用 lever start series available)<br>6H1047 (下壓式系列適用 Push to start series available) |          |          |                  |
|  | AT-1050<br>可調式螺絲整列機<br>AT-1050<br>Adjustable screw feeder                                                                                      | 適用M2.0~M5.0mm螺絲<br>Available screw M1.0~M5.0mm                                                   |          |          |                  |
|  | 彈吊車 Balancer<br>本產品可適用於無塵室，<br>並通過SGS-10等級測試。<br>This product can be used in the<br>clean room. It has passed SGS<br>Clean room Class-10 test. | 型號<br>Model                                                                                      | 載重 Load  |          | 伸縮長<br>Extend L. |
|                                                                                    |                                                                                                                                                | kgs                                                                                              | lbs      |          |                  |
|                                                                                    |                                                                                                                                                | SB-1.2                                                                                           | 0.5-1.2  | 1.1-2.6  | 1.6 m            |
|                                                                                    |                                                                                                                                                | SB-2.0                                                                                           | 1.0-2.0  | 2.2-4.4  | 1.6 m            |
| SB-3.0                                                                             | 2.0-3.0                                                                                                                                        | 4.4-6.6                                                                                          | 1.6 m    |          |                  |
|  | 磁環<br>MAG-O-NETS                                                                                                                               | 編號<br>Parts NO.                                                                                  | 內徑<br>ID | 外徑<br>OD | 厚度<br>Thick      |
|                                                                                    |                                                                                                                                                | AM 1/4                                                                                           | 7 mm     | 17.5 mm  | 10 mm            |
|                                                                                    |                                                                                                                                                | AM 5                                                                                             | 5 mm     | 17.5 mm  | 10 mm            |
|                                                                                    |                                                                                                                                                | AM 4                                                                                             | 4 mm     | 17.5 mm  | 10 mm            |

|                                              |                                      |
|----------------------------------------------|--------------------------------------|
| 工作電壓 Power Source                            | 30VDC                                |
| 扭力精度 Torque Accuracy                         | 極精準 High precision                   |
| 扭力調整 Torque Setting                          | 無段式 Stepless                         |
| 重量 Weight                                    | 490g / 1.1lb      535g / 1.18lb(PS)  |
| 長度 Length                                    | 228mm / 9.0in      237mm / 9.3in(PS) |
| 握持直徑 Grip diameter                           | 34mm / 1.34in      33mm / 1.3in(PS)  |
| 適用起子頭 (選購品)<br>Available bit size (optional) | $\phi 5$ , 6.35(1/4") 六角對邊 hex shank |

### 輸出扭力曲線表 Torque Curve



#### 槓桿式 Lever start type



#### 下壓式 Push to start type (PS)

