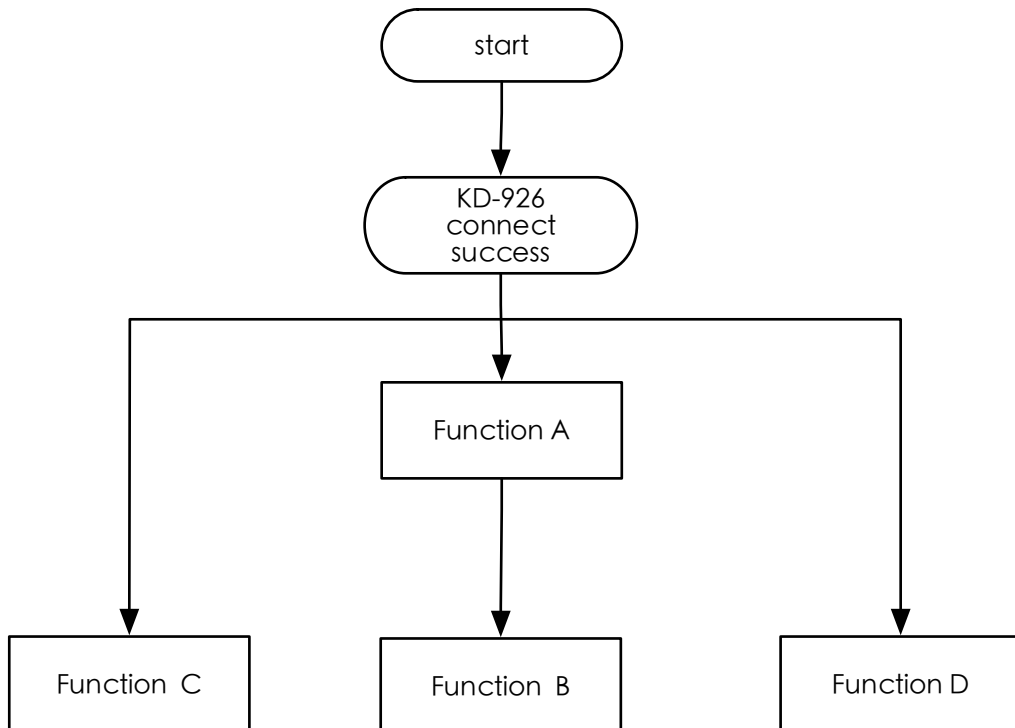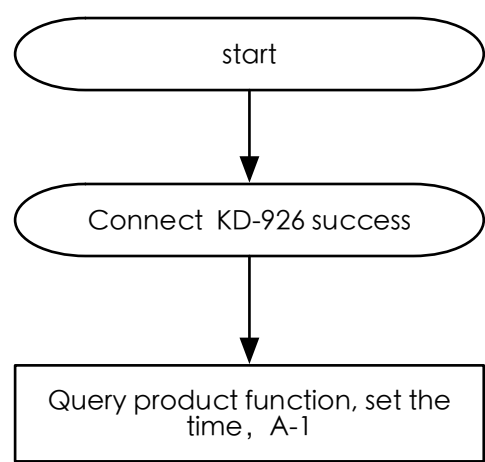# KD-926 Function

Note: Api call must be serial call, that is, after the end of a Api, you can call the next Api, otherwise it will appear Api function failure.

```
                        ┌──────────────┐
                        │    start     │
                        └──────┬───────┘
                               │
                               ▼
                        ┌──────────────┐
                        │   KD-926     │
                        │   connect    │
                        │   success    │
                        └──────┬───────┘
          ┌────────────────────┼────────────────────┐
          │                    │                    │
          │             ┌──────────────┐            │
          │             │  Function A  │            │
          │             └──────┬───────┘            │
          │                    │                    │
          ▼                    ▼                    ▼
   ┌──────────────┐    ┌──────────────┐    ┌──────────────┐
   │  Function  C │    │  Function  B │    │  Function D  │
   └──────────────┘    └──────────────┘    └──────────────┘
```
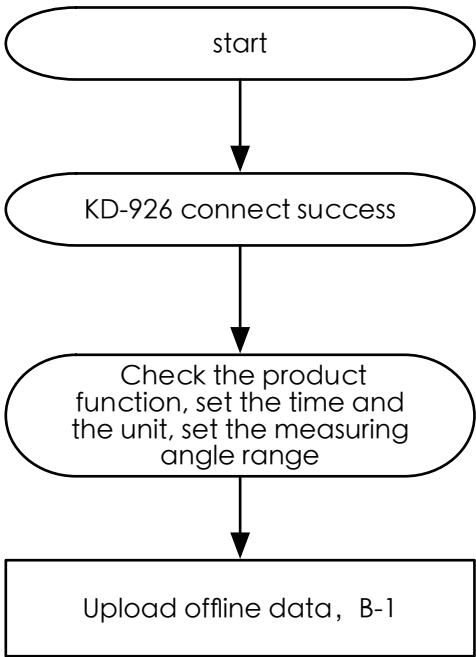
KD-926 Function A – Setting Before Offline Measurement

Note: KD–926 (A–1) must be called before using the offline measurement function of Api, otherwise the time of the off–line data may be incorrect.

```
         ┌─────────────────────────┐
         │          start          │
         └─────────────────────────┘
                      │
                      ▼
         ┌─────────────────────────┐
         │  Connect  KD-926 success │
         └─────────────────────────┘
                      │
                      ▼
         ┌─────────────────────────┐
         │ Query product function, │
         │   set the time，A-1     │
         └─────────────────────────┘
```

A-1: commandFounction: errorBlock:

KD-926 Function B – Upload Offline Data

```
                    ┌─────────────────────┐
                    │        start        │
                    └─────────────────────┘
                               │
                               ▼
                    ┌─────────────────────┐
                    │ KD-926 connect success │
                    └─────────────────────┘
                               │
                               ▼
                    ┌─────────────────────┐
                    │   Check the product   │
                    │ function, set the time and │
                    │  the unit, set the measuring │
                    │      angle range      │
                    └─────────────────────┘
                               │
                               ▼
                    ┌─────────────────────┐
                    │ Upload offline data,  B-1 │
                    └─────────────────────┘
```

B-1: commandTransferMemoryDataWithUser: clientID:

KD-926 Function C –Query Function

```
         ┌─────────────┐
         │    start    │
         └─────────────┘
                │
                ▼
         ╭─────────────╮
         │   KD-926    │
    ┌────│   connect   │────┐
    │    │   success   │    │
    │    ╰─────────────╯    │
    │                       │
    ▼                       ▼
┌─────────────┐      ┌─────────────┐
│Query product│      │Query energy,│
│  function   │      │    C-2      │
│information, C-1│   │             │
└─────────────┘      └─────────────┘
```
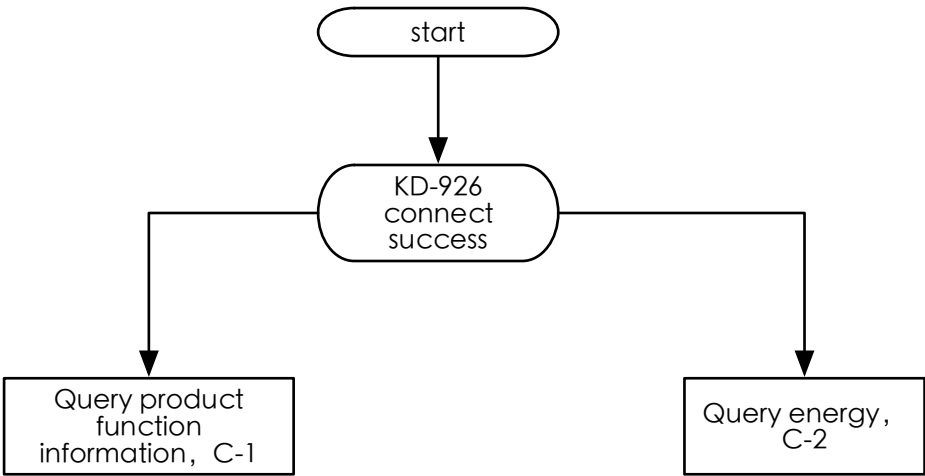
C-1: commandFounction: errorBlock:

C-2: commandEnergy: errorBlock:

KD-926 Function D –Disconnect Device

```
┌─────────────────────────────┐
│            start            │
└─────────────────────────────┘
                │
                ▼
┌─────────────────────────────┐
│    Connect device success   │
└─────────────────────────────┘
                │
                ▼
┌─────────────────────────────┐
│    Disconnect device，D-1    │
└─────────────────────────────┘
                │
                ▼
┌─────────────────────────────┐
│             end             │
└─────────────────────────────┘
```
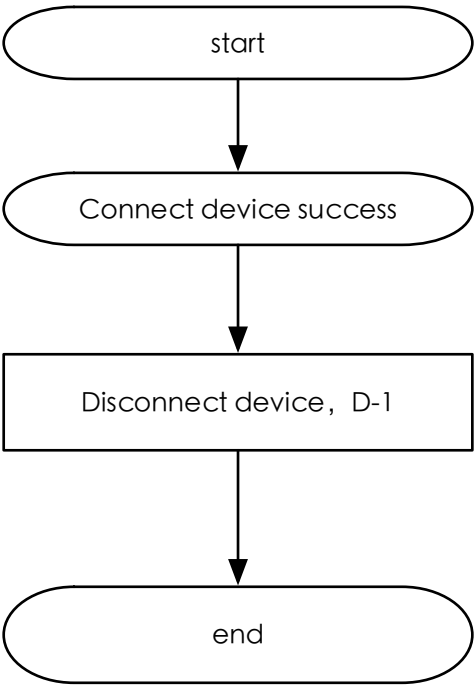
D-1: commandDisconnectDevice