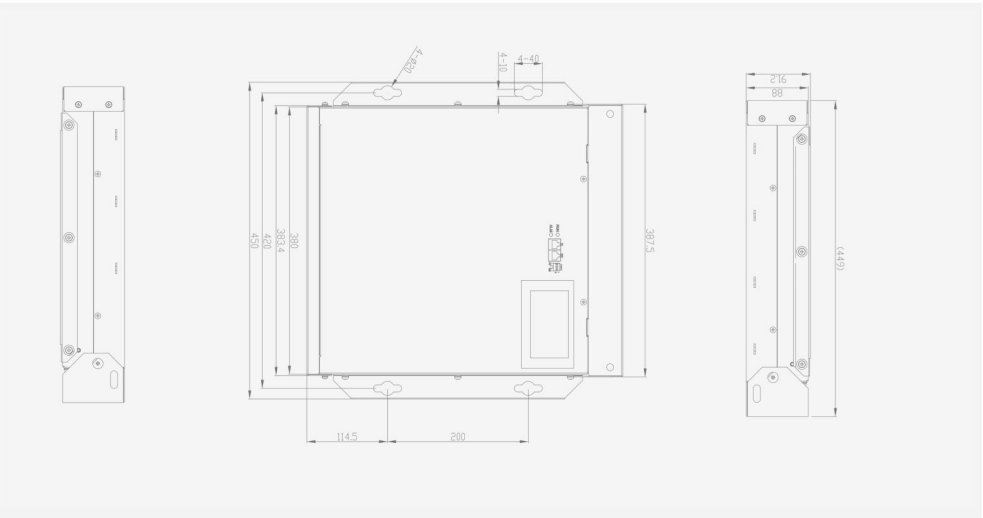


APF/SVG DISTRIBUTED MODEL

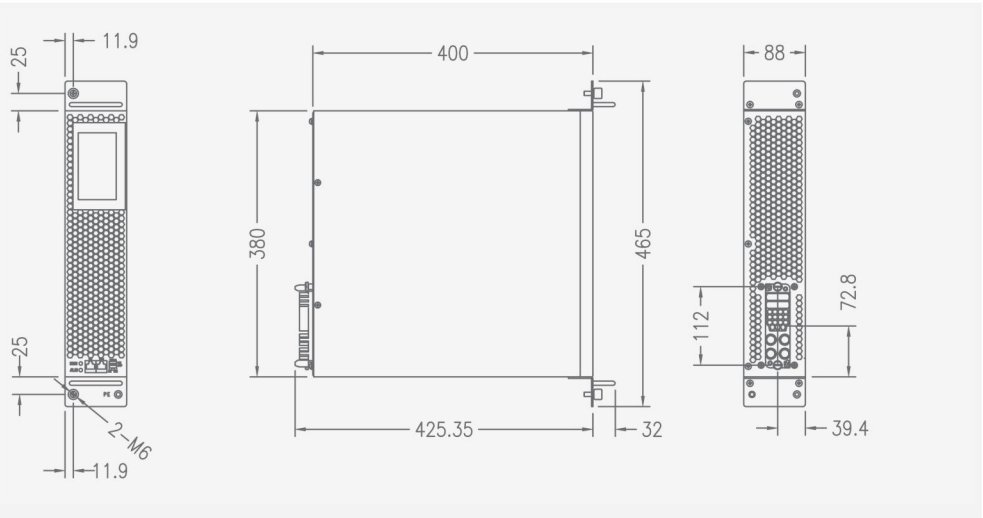
- Equipped with 4.3 Inch touch screen or manual input panel: simple & user friendly HMI
- Minimum internal cable, optimal air duct layout ensure better heat dissipation: working under environment temp up to 55°C;
- PWM fan speed control and intelligent algorithms ensure high efficiency under low load and increase the fan service life



Rackmount



Plug-in



SPECIFICATION

| Module Parameters                                |                                                                                                                |               |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------|
| Rated Voltage                                    | 400VAC                                                                                                         |               |
| Power Capacity                                   | APF 30A, 50A; SVG 30Kvar, 35Kvar                                                                               |               |
| System Parameter                                 |                                                                                                                |               |
| Rated input voltage                              | 400Vac (-20%~+15%)                                                                                             |               |
| Rated operating frequency                        | 50Hz/60Hz (-3Hz~+3Hz)                                                                                          |               |
| Number of parallel connections                   | ≤8units                                                                                                        |               |
| Efficiency & Losses                              | Efficiency ≥97% (3ph), ≤15 W/A Loss                                                                            |               |
| Grid structure                                   | Three-phase four-wire or three-phase three-wire                                                                |               |
| Current transformer                              | 50:5~10,000:5                                                                                                  |               |
| Performance Indicators                           |                                                                                                                |               |
| Full response time                               | < 5ms                                                                                                          |               |
| Target power factor                              | -1~+1, capacitive inductive continuously adjustable                                                            |               |
| Compensation mode                                | Harmonic suppression / reactive power compensation / unbalance compensation, 11 modes in any combination       |               |
| Noise indicator                                  | < 60dB                                                                                                         |               |
| Communications Monitoring                        |                                                                                                                |               |
| Communications interface                         | RS485, Network Port                                                                                            |               |
| Communications protocol                          | Modbus, TCP/IP, CAN                                                                                            |               |
| Module display interface                         | 4.3 inch touch screen or 2.5 inch keypad screen, LED indicators                                                |               |
| Mechanical Property                              |                                                                                                                |               |
| Mounting Options                                 | rackmount                                                                                                      | hot swappable |
| W×D×H(mm)                                        | 380×424×88                                                                                                     | 380×425×88    |
| Net weight                                       | 11.5kg                                                                                                         |               |
| Chassis height                                   | 2U                                                                                                             |               |
| Enclosure                                        | Galvanized Steel, RAL7035 Coating, customized on request                                                       |               |
| CT position                                      | Grid sense (at main) or Load sense                                                                             |               |
| Environmental Requirements                       |                                                                                                                |               |
| Altitude                                         | ≤1500m; between 1500m~3000m, according to GB/T3859.2, the power will be reduced by 1% for every 100m increase. |               |
| Operating temperature                            | -40℃~+65℃                                                                                                      |               |
| Equipment storage and transportation temperature | -45℃~+70℃                                                                                                      |               |
| Relative humidity                                | 0~95%, No condensation                                                                                         |               |
| Class of pollution                               | Pollution Level III                                                                                            |               |
| Related Qualifications and Standards             |                                                                                                                |               |
| Standards compliance                             | IEEE519、IEC6100-3-6、ER G5/4、CE、EMC Compliance: EN 61000-6-4 Class A                                            |               |