

A photograph of a large industrial facility, likely a power plant or refinery, at night. The scene is illuminated by bright artificial lights, creating a high-contrast environment. The structure is composed of numerous steel beams, pipes, and large cylindrical tanks. The perspective is from a low angle, looking down a long, straight corridor or walkway that recedes into the distance. The overall atmosphere is industrial and imposing.

CoEpower

# CONTENT



■ PART 1  
ABOUT US

■ PART 2  
Power Quality Products

■ PART 3  
Application Case





# ABOUT US



About US



## CoEpower Vision

CoEpower will take the efficient use of energy as the goal, constantly improve the innovation ability and innovation mode, speed up the transformation of high-tech and scientific research achievements, and strive to make our humble contribution to the beautiful world of energy for mankind

## Manufacturer

- Leading designer for Power Quality Solutions products
- Devote to solve difficult power quality problems
- OEM factory of many European & South America Companies
- TUV LVD & EMC certificated manufacturer

## R&D Team

- Talented experienced R&D team from Top university
- Main members with more than 10 years experience
- Customized requirements support

## University-Enterprise cooperation

- Cooperated with TOP Electrical engineering university
- Own research laboratory in Xi'an Jiaotong University

# Globalization



**10,000+** Projects

**50+** Countries



# Certificate

- 1.ISO 9001/14001/18001 management system,
- 2.High-tech enterprise certification, Software enterprise certification
- 3.Numbers of Invention patents for hardware/software copyright
- 4.TUV CE Certificate Comply with IEC61000/62477series standards
- 5.Talent cultivation base for TOP Electrical Engineering University



# Integrated Enterprise



## what can we do ?

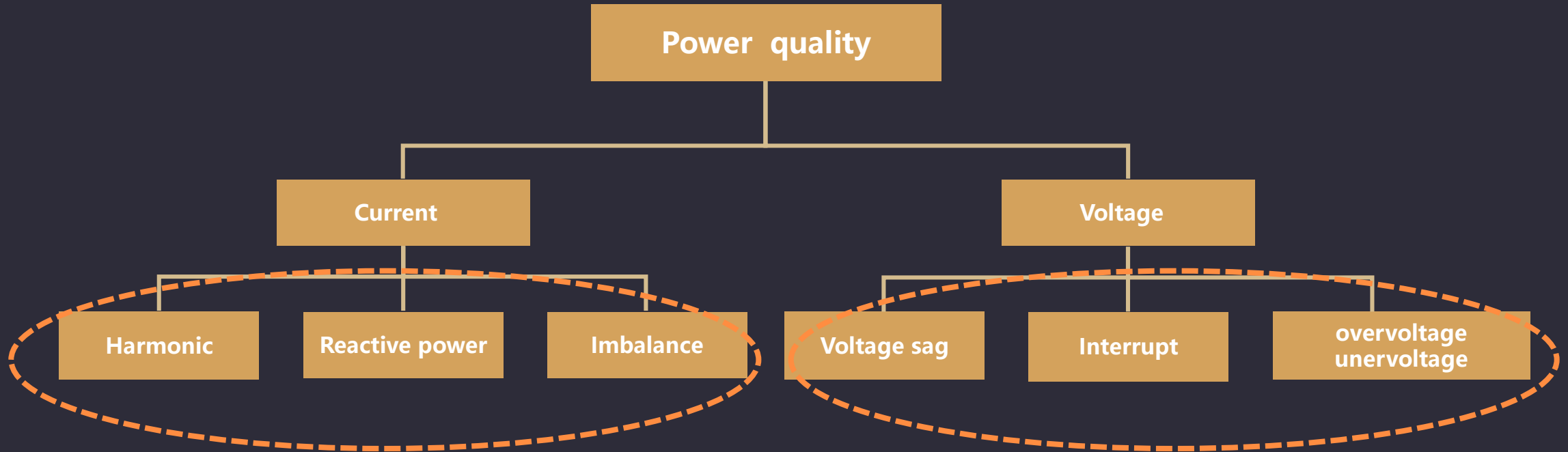
Power Quality Service	Power Quality Products	Customized Support	New Developing
Projects sizing service Customized special solution .....	AHF Active Harmonic Filter SVG Static Var Generator .....	Remote Control (4G/WIFI DTU) HV Sampling LV Compensation .....	PCS Power Convert System AVC Active Voltage Conditioner .....

# Power Quality Products





# CoEpower Power Quality Products



**AHF SVG**



**PCS DVR AVC**

Power quality is not an isolated concept. In power system, the above power quality division will exist comprehensively, but different systems and load equipment, which lead to different problems.

# Power Quality Current- AHF SVG

## AHF Function:

Harmonic Elimination 2-50 order harmonic  
Capacitive and Inductive compensation -1~1  
Three-phase imbalance compensation

## SVG Function:

Capacitive and Inductive compensation-1~1  
Three-phase imbalance compensation  
Harmonic Elimination 2-13 order harmonic

## Installation:

Rack-Mounted

Standard cabinet Max hold 750A  
Cabinet size:800\*800\*2200mm  
Customized cabinet is available

Wall-Mounted

15A/30A/50A/75A/100A/150A

## HMI:

Wall mounted:4.3Inch  
Parallel Cabinet: 7/10Inch

## Extended Function:

Wifi Remote Control  
4G Remote Control



# Active Harmonic Filter (AHF/APF)



Active Harmonic Filter(AHF/APF)						
690V	100A					
480V	15A	25A	50A	75A	100A	120A
440V	15A	25A	50A	75A	100A	120A
400V	15A	30A	50A	75A	100A	150A
220V	15A	30A	50A	75A	100A	150A

# Static Var Generator (SVG)



Static Var Generator(SVG)						
690V	120kvar					
480V	12kvar	20kvar	30kvar	60kvar	80kvar	100kvar
440V	12kvar	20kvar	30kvar	60kvar	80kvar	100kvar
400V	10kvar	20kvar	30kvar	50kvar	75kvar	100kvar
220V	5kvar	10kvar	15kvar	20kvar	30kvar	55kvar



The images illustrate the MC6S energy monitoring device and its software interface. The top-left image shows the physical device on a green workbench. The top-right image is a screenshot of the 'Usage Now' screen, displaying a schematic diagram of the power system with two modules and various electrical parameters. The bottom-left image is a screenshot of the 'Monitor-Detail' screen, showing a table of parameters for two modules. The bottom-right image is a screenshot of the 'Menu' screen, showing status indicators for Communication, State, and Alarm, along with icons for Setting, State, Temp, and Alert.

**Usage Now Screen Data:**

OUT I	Load Q	Load PF	Grid PF	Ratio	Grid THD	Load THD	Load P	Grid Q
A	0.0A	0.0A	1.000	1.000	0.0	0.0%	0.0A	0.0A
B	0.0A	0.0A	1.000	1.000	0.0	0.0%	0.0A	0.0A
C	0.0A	0.0A	1.000	1.000	0.0	0.0%	0.0A	0.0A

**Monitor-Detail Screen Data:**

MOD1	Vdc	Defrac	V_Neu	Neufrac	TempA	TempB	TempC	Freq	CT
MOD1	0.0V	0.0V	0.0V	0.0V	0.0°C	0.0°C	0.0°C	0.00Hz	30.5
OFF	0.0V	0.0V	0.0V	0.0V	0.0°C	0.0°C	0.0°C	0.00Hz	30.5
OFF	0.0V	0.0V	0.0V	0.0V	0.0°C	0.0°C	0.0°C	0.00Hz	30.5
OFF	0.0V	0.0V	0.0V	0.0V	0.0°C	0.0°C	0.0°C	0.00Hz	30.5
OFF	0.0V	0.0V	0.0V	0.0V	0.0°C	0.0°C	0.0°C	0.00Hz	30.5
OFF	0.0V	0.0V	0.0V	0.0V	0.0°C	0.0°C	0.0°C	0.00Hz	30.5

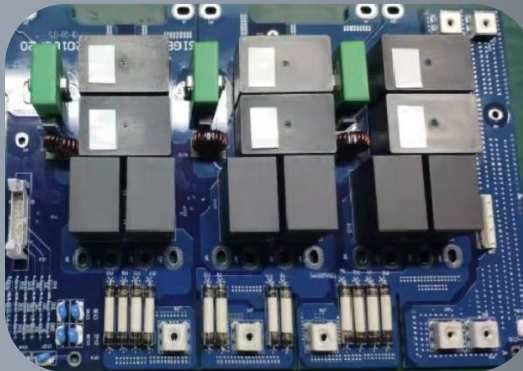
**Menu Screen Data:**

Communication	State	Alarm
Grid V	0.0V	0.0V
Grid I	0.0A	0.0A
Load I	0.0A	0.0A
Out I	0.0A	0.0A
Load PF	0.000	0.000

**The controller adopts MCGS standard hardware. According users' requirements, our team independently developed HMI to bring more convenient operating system and better user experience**

**How to ensure the product  
Quality ?**





# Excellent Components

Adopted the world top brand components. To ensure the stability and safety of equipment from the minimum Components.

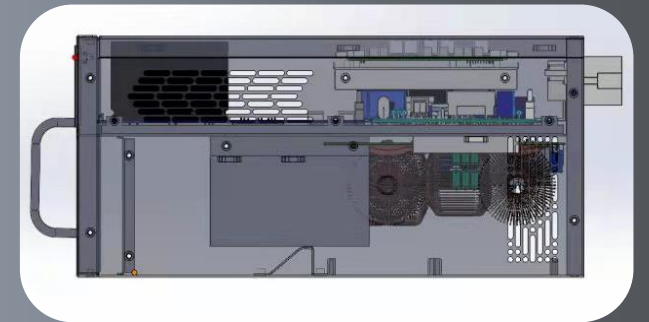
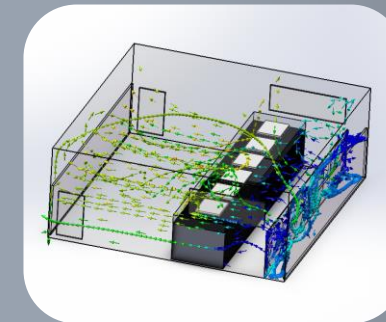
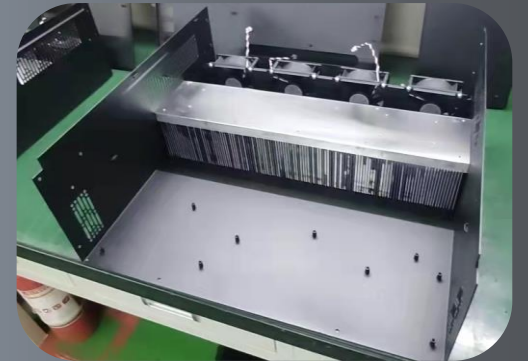
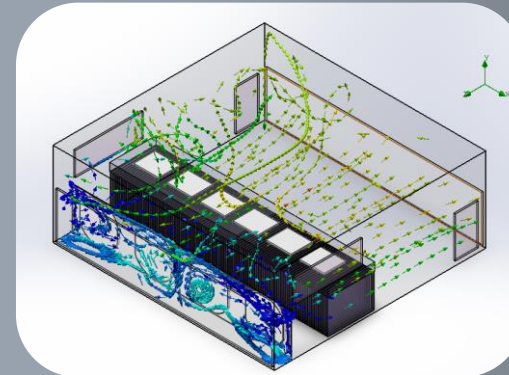
# Excellent Design

All key circuits adopted hard connected wire to avoid equipment failure problems caused by flying lines

Professional structural design, all products are gone through simulation inspection

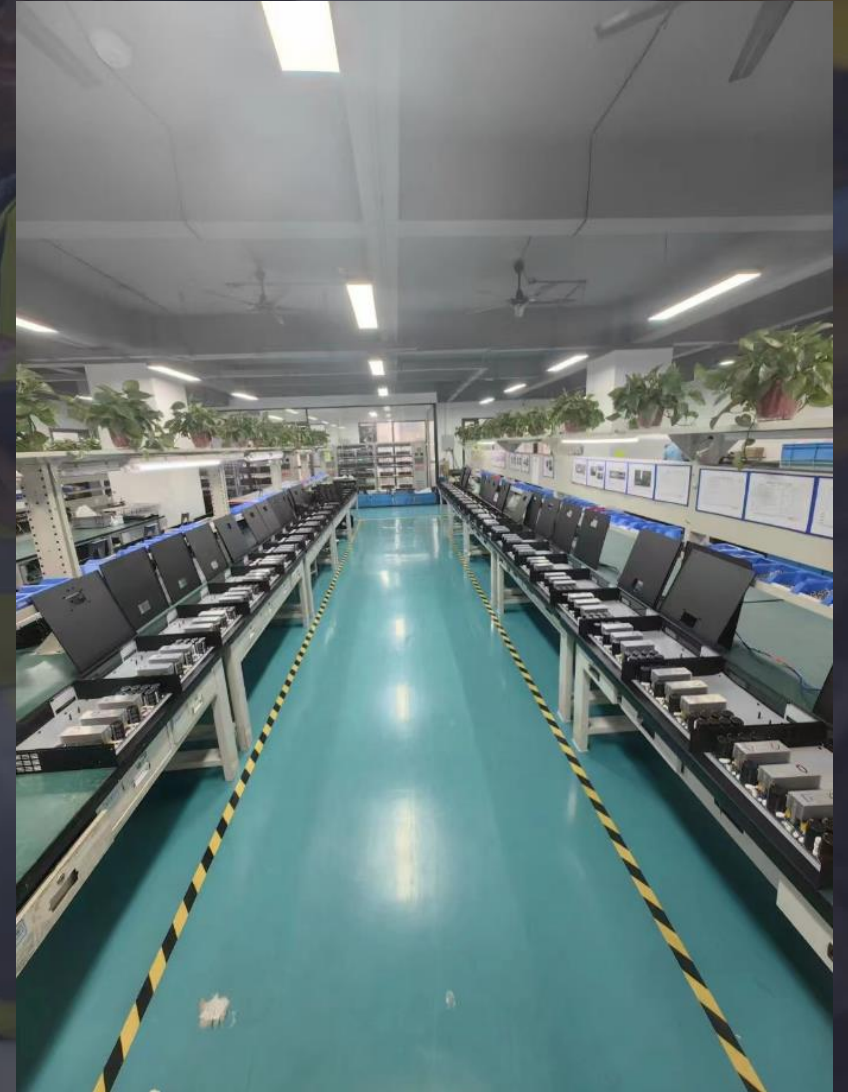
Independent air duct design  
Key component sealing design

Conformal coating for all PCB boards





# Strict Test and QC







**Application**

**Case**

**C926**



# Wall Mounted



# Rack Mounted











A scenic landscape featuring a winding asphalt road with yellow dashed lines, leading through a valley towards a body of water. The background is dominated by dark, rugged mountains with patches of snow or light-colored rock. The sky is a mix of soft blues and greys, with some wispy clouds. The overall mood is serene and contemplative.

# Thanks