

## ● Overview

NQVPD2J-63 adjustable over-under-voltage protector is used for household and industrial power equipment protection, to prevent electrical appliances from working for a long time in a voltage unstable environment (too high, too low) and damaged, the product has overvoltage undervoltage and overcurrent automatic power off protection and automatic recovery of power supply after voltage and current restore stable rated value, the protection process and restore power supply process without manual intervention, no maintenance is required, the performance of this equipment is stable, the voltage and current display accuracy is high, and the anti-interference ability is strong. It can be used for high-frequency interference lines AC power output section of photovoltaic system and frequency converter.

Inspector 03

QC Pass

Date of production

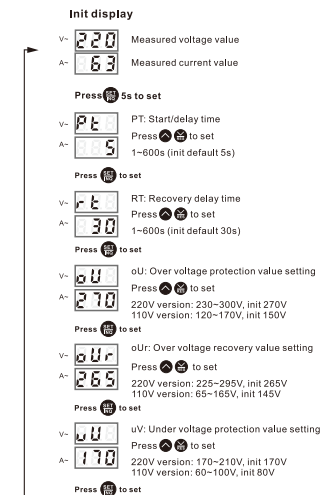
See out package

**NanQue**  
Wenzhou Nanque Electric Co., Ltd.

Xirendang Village, Liushi Town, Yueqing City,  
Wenzhou City, Zhejiang Province, China

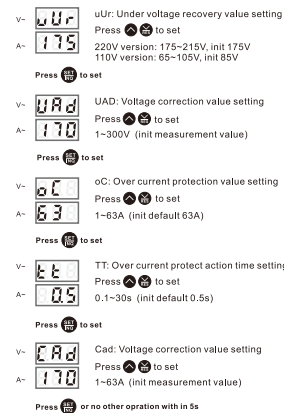
website: www.nanquele.com

## ● Function Setting



## ● Technical data

Rated voltage	AC110V	AC220V
Operation voltage range	AC 70-500V(single phase)	
Rated frequency	50/60Hz	
Current Setting range	1-63A	
Over voltage setting range	120-170V	230-300V
Under voltage setting range	60-100V	140-210V
>U <U and >In trip action time	0.1-30s	
Reset/start delay	1-600s	
Voltage measurement accuracy	1%	
Rated insulation voltage	500V	
Output contact	1NO	
Electric life	100000	
Machanical lift	1000000	
Ip grade	IP20	
Pollutin grade	3	
Altitude	≤2000m	
Operating temperature	-50°C-55°C	
Humidity	≤50% at 40°C(without condensation)	
Storage temperature	-30°C-70°C	



Press **SET** + **SET** 2s to reset all settings to init default

Press **ON/OFF** 1s to turn on / turn off power

## ● Default Setting Range

Technical parameter	AC110V	AC220V
OV Setting range	AC120-170V	AC230-300V
UV Setting range	AC60-100V	AC140-210V
OV recovery range	AC115-145V	AC225-295V
UV recovery range	AC65-105V	AC145-215V
Overcurrent range	1-63A	
Reset/start delay	1-600s	

## ● Default Factory Setting

Technical parameter	AC110V	AC220V
OV Factory setting	AC150V	AC270V
UV Factory setting	AC80V	AC170V
OV recovery factory setting	AC145V	AC250V
UV recovery factory setting	AC85V	AC190V
Overcurrent factory setting	63A	
Recovery delay factory setting	30s	
Protect trip action time	0.5s	
Start delay factory setting	5s	

## ● LED Light and screen indicate

### 1. Power on

Voltmeter, ammeter, overvoltage indicate light, undervoltage indicate light, overcurrent indicate light, power indicate light light up at the same time, device self-test (1s), enter the power on mode, power light flashing, voltmeter display voltage, ammeter display "—", after the self-test is completed, ammeter displays the current load current, power light is always on.

### 2. Overvoltage fault

The screen value flashes, the overvoltage indicate light is solid, and when the overvoltage returns to normal (delay the recovery process), the overvoltage indicate light flashes quickly

### 3. Undervoltage fault

The screen values flash, the undervoltage indicate light is solid, and when the undervoltage returns to normal (delayed recovery process), the undervoltage indicate light flashes slowly

### 4. Overcurrent fault

The screen value flashes, the overcurrent indicator is always on, and when the overcurrent returns to normal value (delay the recovery process), the overcurrent indicate light flashes once in 1s

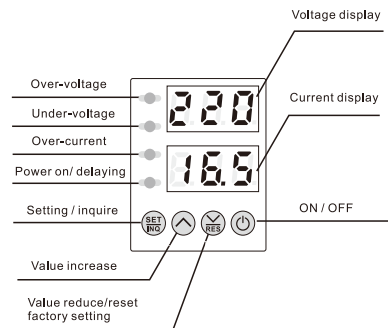
### 5. Power off

All screens and indicator lights turn off at the same time

## Note:

The setting parameters for different batch versions of products may be different. If the displayed values are inconsistent with the parameters indicated in the instructions, please contact customer service to obtain the corresponding parameter setting instructions

## ● Panel and display



# NQVPD2J-63

Adjustable Over-voltage and Under-voltage Protective Device

Product Instruction