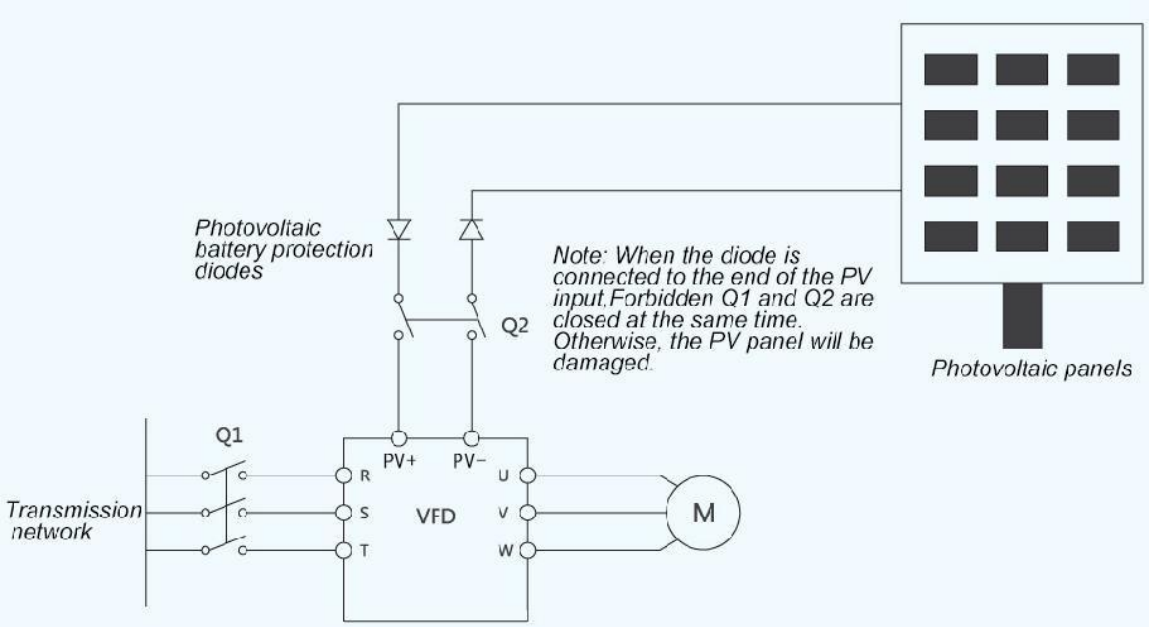
Automatic operation control scheme of PV inverter

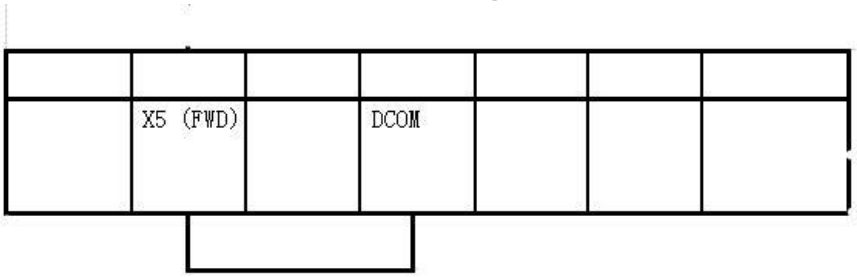
（Photovoltaic inverter）

WK600D **series photovoltaic inverter for non-standard products, wiring and debugging, please specify the data as the standard.**

一、 The main circuit wiring Scheme



2、 Control terminals Wiring Scheme



Short circuit between X5 and DCOM Basic operation parameter setting

parameter settings

P0-02=1 select terminal operation;

P0-02=0 select keyboard operation;

P1-12=1 MPPT function enabled;

P1-13=10 default value, the motor speed will increase by itself to find the optimal speed. If the speed increases too fast and the voltage is too low, P1-13 can be reduced. If the voltage is normal and the speed adjustment is too slow or not adjusted, the p1-13 value can be increased. Generally, there is no need to modify it.

P9-05=1, automatically returns to operation after the voltage is normal after undervoltage protection

P9-05=2, after undervoltage protection, wait for P9-06 to automatically resume operation after the voltage is normal.

On-site operation precautions

Note: 1. Main circuit terminals R, S, T are three-phase AC input (220V is R, T), PV+, PV- are photovoltaic DC input;

2. The withstand voltage rating of the 380V inverter is DC 800V, and the input DC voltage of the series configuration should not exceed DC 800V.

The voltage withstand level of the 220V inverter is DC 400V, and the input DC voltage in series configuration cannot exceed DC 400V.

{The best working DC voltage of 380V inverter is 540V (configured with 540V-580V), and the best working DC voltage of 220V is 320V (configured with 320-340V)}

3. When AC power is input to the main circuit, the PV DC input must be disconnected, otherwise the inverter and solar panel will be damaged.