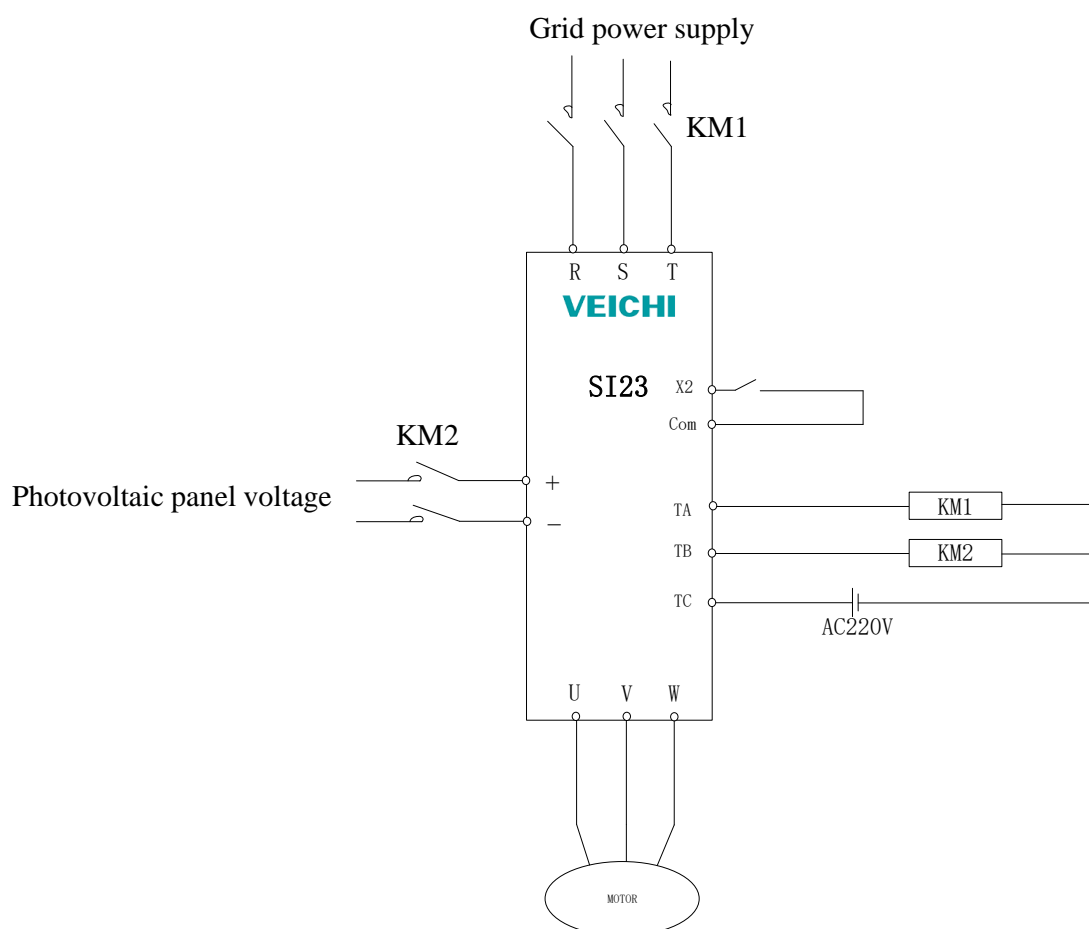


SI23 How to set ACDC switching

Note: SI23 supports two kinds of switching: one is through terminal switching, and one is through automatic AC/DC switching

Terminal switching:

1、Wiring Diagram



Note: KM1 is the coil of the three-phase contactor, the coil voltage is 220v
KM2 is the coil of the three-phase contactor, the coil voltage is 220V

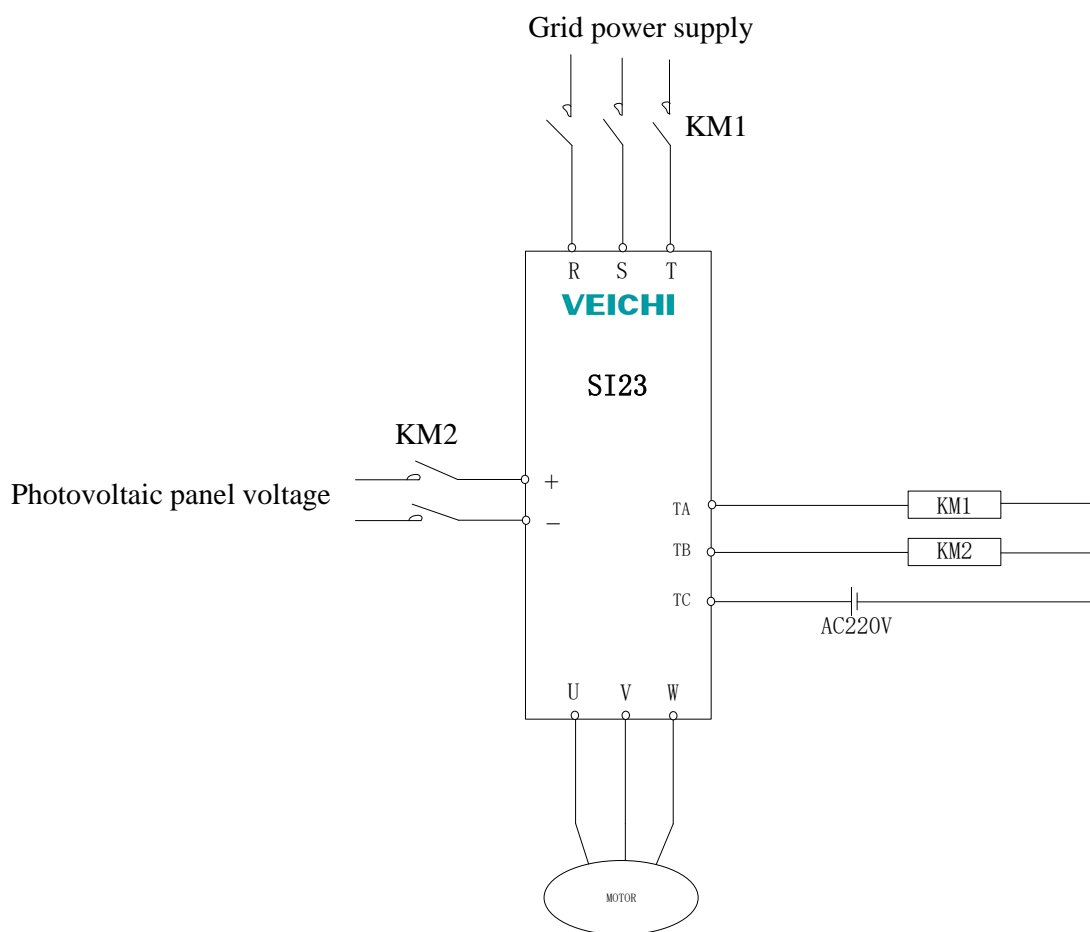
Note: If you need terminal switching, you need to keep the X2 terminal closed, and when the PV voltage is below the undervoltage point of SI23, it will automatically switch to grid power

2、 SI23 parameter setting

F14.64=1
F02.44=31
F02.01=84

Tutomatic AC/DC switching

1、 Wiring Diagram



Note: KM1 is the coil of the three-phase contactor, the coil voltage is 220v
KM2 is the coil of the three-phase contactor, the coil voltage is 220V

2、 Automatic switching principle

When the PV voltage is very low, it will switch directly to the grid voltage, run for a period of time F14.72, while the bus voltage is higher than F14.65, then switch to the PV voltage

3、SI23 parameter setting

NO.	Function code name	Set value	Factory settings	Some notes
FE.64	AC/DC switching mode	2	0	FE.64=0 Ineffective FE.64=1 Terminal Control FE.64=2 Voltage detection automatic control;
FE.65	AC power cut-out threshold	540	540V	Auxiliary for AC power cut out judgment
FE.72	AC power access duration	180	180min	AC power continues to access for 180min, and the current bus voltage is greater than the FE.65 set value, cut out the AC power