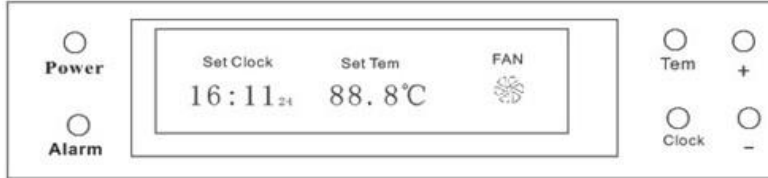# Digital Temperature Unit

I Size: 1U 19inch
II Technical Parameters:
  Input : 150V~265VAC 47~63Hz   Output: 150V~265VAC 47~63Hz 13A
III Instructions

3.1 Proper working display：
　　Real-time clock, the current temperature, fan state are showed on the display;
3.2 Temperature setting status display：
1． Press the "+" key to display the setting temperature of upper limit; press the "-" to display the setting temperature of the lower limit;
2． Pressing the "Temp" more than 3 seconds to enter modify mode of the temperature parameters, display "Set Tem" at the same time, then press "Temp" in turn display F1 ~ F6 parameter value, and press the "+" "-" key can modify the current F1 ~ F6 parameter values.
3． Once setting up completed, press the "Temp" button more than 3 seconds, return to the normal display status.

Function Menu：

Item	Function	Setting Range	Unit	Default
F1	Upper limit	F2 ~ 60	℃	25
F2	Lower limit	-40 ~ F1	℃	15
F3	Temperature calibration	-5 ~ 5	℃	0.0
F4	Output protection time	0~9	Min	3
F5	Exceeding temperature offset	0~50	℃	5.0
F6	Exceeding temperature alarm delay time	0 ~ 99	Min	5

F1： Temperature upper limit: when the actual temperature is higher than the setting temperature value, the fan start automatically.
F2： Temperature lower limit: when the actual temperature is lower than the temperature, the fan stop.
F3： Temperature calibration：When the measuring temperature value and the actual real temperature deviate, it will correct the temperature with this calibration value, in order to achieve the measurement accuracy.
F4： Output protection time：When the fan start-up, it has to run continuously for this time value to stop.
F5： Exceeding temperature offset：The default actual temperature value beyond the upper limit or below the lower limit temperature value.
F6： Exceeding temperature alarm delay time：When the actual temperature beyond the temperature value "F1+F5", or below the temperature value "F2-F5", the delay buzzer alarm.
4．Clock setting：
　　Pressing "Time" button more than 3 seconds to enter the state of the clock Settings, then press the "Temp" key switch in turn to set the correct time "hour", "minute", "seconds" state, press "+", "-" button to set the current clock.
IV Alarm instructions：
　　When actual temperature is higher than set temperature F1 + F5 Value or lower than set F2 - F5.value, the alarm indicator start flashing, after the setting time "F6", the buzzer starts alerting until the temperature is adjusted to the normal temperature.