



## WHM80 Watt Hour Meter

### 1. Type and Characteristic:

Type: WHM80

Function Characteristic: Watt Hour Meter, voltage channels and current channels are voltage input, separate display busbar voltage, current, power and accumulative power energy of display window front two row.

### 2. Environment of use:

(1) Indoor use

(2) Operation temperature with opposite humidity

0	--10	(non-coagulation)
11	--30	( 80% opposite humidity)
31	--40	( 75% opposite humidity)
41	--50	( 45% opposite humidity)

(3) Deposited temperature with opposite humidity: 0 --55 (0--80% opposite humidity)

(4) Pollution Grade: 3

### 3. Technical Index:

Adduction standard: GB/T 13970—1992 number meter basic parameter series

GB 4793—84 safty requirement of electricity measurement meter

Input requirement: Voltage channels DC 0V—5V(may selection) Input resistance: > 20K

Current channels DC 0V—5V(may selescion) Input resistance: > 20K

Function of display: voltage 4 number Frequency: 0.1% (27 )

current 4 number Frequency: 0.1% (27 )

power 5 number Frequency: 0.2% (27 )

power energy 5 number Frequency: 0.2% (27 )

Temperature coefficient:  $2.0 \times 10^{-4} / (0 \text{ --}55)$  )

Working power supply: AC 220V 10% 45HZ—55HZ

Function wastage: < 10W

Isolation resist pressure: AC 2KV/50Hz@1min Creepage current : I < 5mA

Isolation resistance: DC 500V > 10M

Figuration size: width 152mm\*height 75mm\*depth 135mm

- All errors are full graduation for theory

4. Operation Explanation:  
 Please see chart 1:

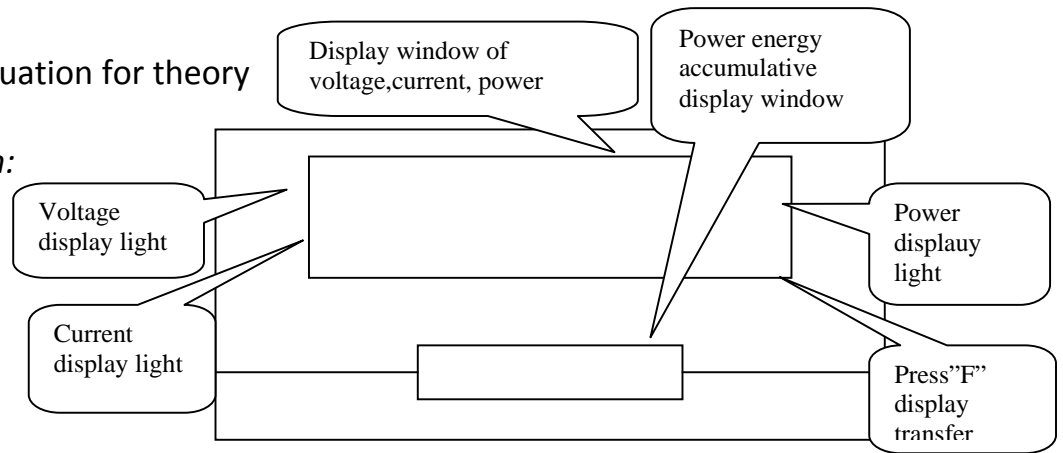


Chart 1

- (1) Connection power supply AC220V, connection input signal  
 Current light KA of display, voltage, current, power display window current value.  
 Voltage light V of display, voltage, current, power display window current value.  
 Power light KW of display, voltage, current, power display window current value.
- (2) Press "F" once, content of display window of voltage, current, power display window should change once according to as below:  
 display current voltage                      display current                      display current power
- (3) Current hour accumulative number clean out zero: sustaining enter press "F", should display of count down: FFF30...FFF29.....FFF00(30 seconds), after 30 seconds, current hour accumulative number shall clean out zero
- (4) Function of connect line:

Please see chart 2:

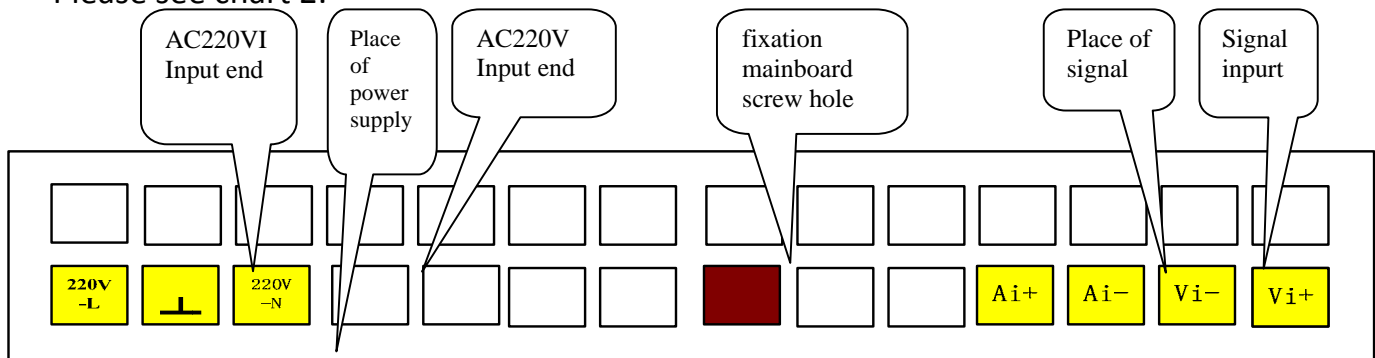


Chart 2

**5. Notice Proceeding:**

- (1) If see display of current hour accumulative"FFFFFFF", it's indicate can not read that saved record of next time, suggest should return to factory for this meter.**
- (2) If display of current hour accumulative value in the process of using:"EEEEEEEE", indicate this machine already can not saved record. It's will appear "1". This complexion usually happen after sustaining using several decades, suggest that return this meter to factory to settle it.**
- (3) If current hour accumulative value take count of alternation cycle:  
Current hour accumulative value read number=display number + 10000000**