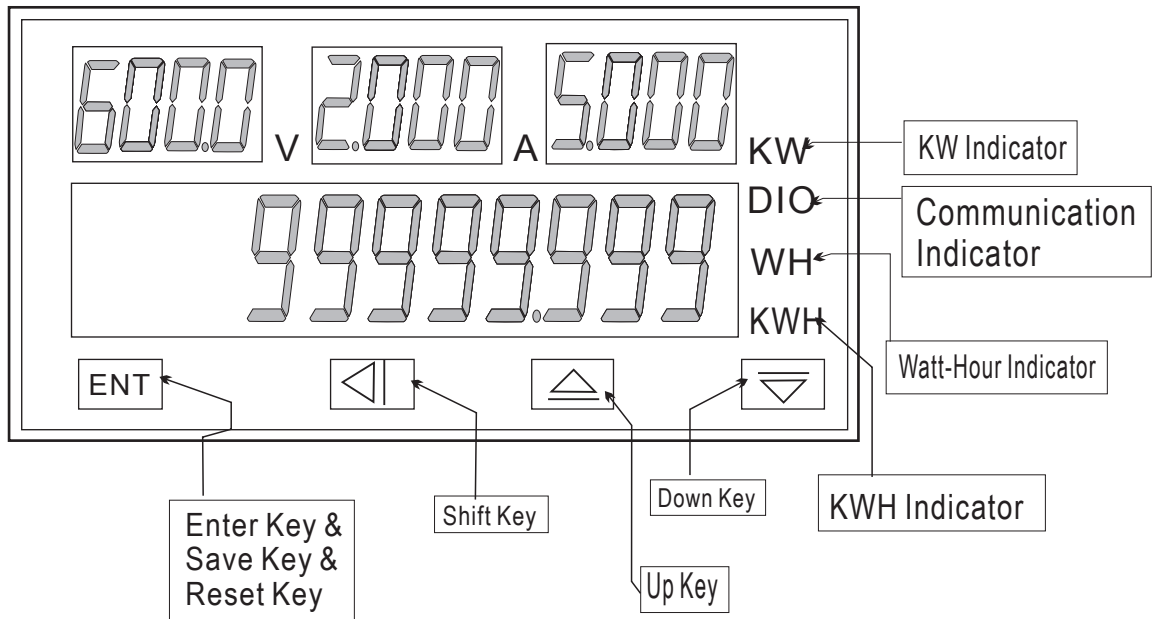


* Please understand key indicators & functions at the first operation.

FRONT PANEL & KEY FUNCTIONS



Key Name	Symbol	Descriptions
Enter Key & Save Key & Reset Key	ENT	1. In the measuring status, press this key can enter to parameter pages. 2. In the parameter setting, press this key can save the value & go to next parameter. 3. Press this key for 10 sec can reset the KWH value.
Shift Key	←	1. In the parameter setting , press this key can move the cursor left.
Up Key	↑	1. In the parameter setting, press this key can increase the digits.
Down Key	↓	1. In the parameter setting , press this key can decrease the digits.

- ** 1. The following block charts are parameters codes, parameter codes & parameters will alternate flashing if the parameters can be modified.
2. To modify the parameters, please press ← ↑ ↓ , and press ENT to save the parameter after the modification.
3. Please don't forget the new pass code after modification.
4. In any pages, press ↑ & ↓ , or don't press any keys for 2 minutes that will back to measuring status.

GENERAL MODE OPERATING PROCEDURES

Block Charts	Display	Descriptions	Default
Power ON ↓ 	Measuring Status	Present value for measurement	
Press ENT ↓ 	Current Decimal Point(A.dP)	Press to select current decimal point.(0~3)	00000
Press ENT ↓ 	Current Display Range (A.dSP)	Press to modify current display range.	00000
Press ENT ↓ 	Watt Unit Setting (Unit)	Press to select watt unit. (W / KW)	W
Press ENT ↓ 	Watt Decimal Point(W.dP)	Press to select watt decimal point.(0~3)	00000
Press ENT ↓ 	Watt-Hour Decimal Point(WH.dP)	Press to select watt-hour decimal point.(0~1)	00000
Press ENT ↓ 	Kilo-Watt Decimal Point(KW.dP)	Press to select kilo-watt decimal point.(0~3)	00000
Press ENT ↓ 	KWH Decimal Point(KWH.dP)	Press to select KWH decimal point.(0~1)	00000
Press ENT ↓ 	Reset Function Setting(rSt)	Press to select KWH reset function.(0~2) 0: Reset by front panel key, external terminal, RS-485 1: Reset by external terminal, RS-485 2: Reset by RS-485	00000
Press ENT ↓ 	Address Setting (Addr)	Press to modify address (0~255).	00000
Press ENT ↓ 	Baud Rate Setting (bAUd)	Press to select baud rate (19200/9600/4800/2400).	19200
Press ENT ↓ 	Parity Setting (PAri)	Press to select parity (n.8.2/n.8.1/even/odd).	n.8.2
Press ENT ↓ 	Input Voltage Adjustment (dS-v)	Press to select adjusting speed rate, press to modify the voltage value. PS: To use this function to adjust the real A/O zero.	00000
Press ENT ↓ 	Input Current Adjustment (dS-A)	Press to select adjusting speed rate, press to modify the current value. PS: To use this function to adjust the real A/O span.	00000

Modbus RTU Mode Protocol Address Table

Address	Name	Description	Accept
0000	ADP	Current Decimal Point location, Input Range 0000~0003(0~3)	R/W
0001	ADSP	Current Display High value,Input Range 0000~270F(0~9999)	R/W
0002	UNIT	Watt or Kilowatt Unit Select,Input Range 0000~0001(0~1) 0:W,1:KW	R/W
0003	WDP	Watt Decimal Point location,Input Range 0000~0003(0~3)	R/W
0004	KWDP	Kilowatt Decimal Point location,Input Range 0000~0003(0~3)	R/W
0005	WHDP	Watt-hour Decimal Point location,Input Range 0000~0001(0~1)	R/W
0006	KWHDP	Kilowatt-hour Decimal Point location,Input Range 0000~0001(0~1)	R/W
0007	RST	Reset Mode,Input Range 0000~0002(0~2)	R/W
0008	ADDR	Communication Address,Input Range 0000~00FF(0~255)	R/W
0009	BAUD	Communication Baud Rate,Input Range 0000~0003(0~3) 0:19200,1:9600,2:4800,3:2400	R/W
000a	PARI	Communication Parity Check,Input Range 0000~0003(0~3)0:N82,1:N81,2:EVEN,3:ODD	R/W
0013	wh_lvalue	Watt-hour accumulate value(per 0.1 wh),Range 00000000~3B9AC9FF(0~99999999)high word	R
0014		Watt-hour accumulate value(per 0.1 wh),Range 00000000~3B9AC9FF(0~99999999)low word	R
0015	wh_hvalue	Watt-hour accumulate value(per 100M wh),Range 0000~FFFF(0~65535)	R
0016	DISPLAY_V	Voltage Display Value,Range 0000~270F(0~9999)	R
0017	DISPLAY_A	Current Display Value,Range 0000~270F(0~9999)	R
0018	DISPLAY_W	(Kilo)Watt Display Value,Range 0000~270F(0~9999)	R
0019	DISPLAY_WH	(Kilo)Watt-hour Display Value,Range 00000000~5F5E0FF(0~99999999)high word	R
001A		(Kilo)Watt-hour Display Value,Range 00000000~5F5E0FF(0~99999999)low word	R
001B	RST	Write = 0001(Function 06),Reset the (Kilo)Watt-hour accumulate value to zero	W
001C	VDP	Voltage Decimal Point location, Range 0001~0002(1~2) 1 :High range , 2 :Low range	R