.....1
.....1
.....3
3.1 3
3.2 4
3.3 5
.....5
4.1 5
4.2 6
4.2.1 6
4.2.2 7
4.2.3 pt ct Id 8
4.2.4 bps 8
4.2.5 nEt 8
4.2.6 rst 8
4.2.7 8
.....9
.....10
.....17D0Tc0

YD2200

YD2200

RS485

( ) ( )

96 ± 0.5mm×96 ± 0.5mm×61 ± 0.5mm

92 ± 0.5mm×92 ± 0.5mm

65 ± 0.5mm×22 ± 0.5mm×49 ± 0.5mm

LCD

3 4 ( ) 3 3 ( ),

1 3 ,

( )

30~600V( ) 20~400V( )

PT 1~10000

≤0.25(220V) ≤0.60VA(600V)

800V

( )

0~6A

5mA

CT 1~50000

0.2VA

YD2200

10A

100A/1s

0~2400W/var/VA

0~7200W/var/VA

50/60Hz

-1~1

THD 3~19

THD 3~19

AC250V/5A DC30V/5A

AC85V~265V or DC85V~330V

AC20V~60V/ DC20V~60V ≤5VA

0.5%(0.5~6A)

0.5%(20~400V)

1.0%(50~600V)

1.0%

0.5%

0.1%(50/60Hz)

1.0%(0.5L/0.5C)

/ / / 2.0kV/min · 2mA

YD2200

4kV,2.5kHz I/O 2kV, 5kHz

6kV 8kV

RS-485

1~247

1200/2400/4800/9600/19200

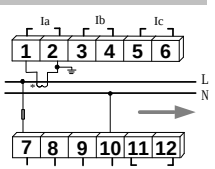
8bits

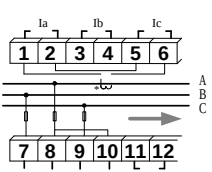
1bits

Modbus RTU

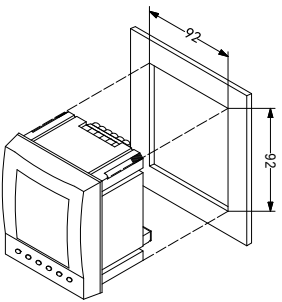
3.1

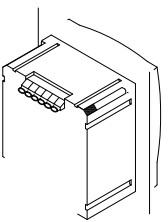
/





3.2 mm ±0.5





3.3

1

2 CT CT

3 2.5 ^{2}

1.5 ^{2} RS-485 1.0 ^{2}

4.1

I
U F
PQS
PF
Max H
E

“ I ”

“ U F ”

“P Q S”

“PF”

“E”

“Max H” THD

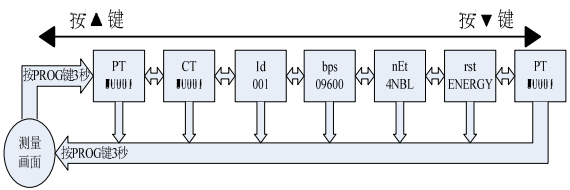
“Max H”

YD2200

“ PROG ” 3

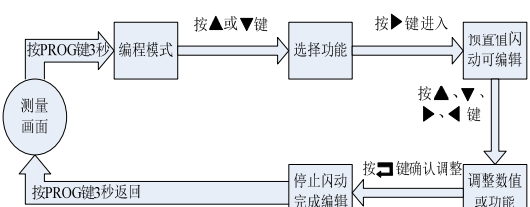
“ PROG ” 3

“ ▲ ” “ ▼ ” “ pt ct Id bps nEt rst ”



pt	“ 1 ”
ct	“ 1 ”
Id	“ 1 ”
bps	“ 9600 ”
nEt	“ 4NBL ”
rst	“ 0 ”

4.2.2



4.2.3 pt ct Id

pt “ ▶ ” pt “ ▶ ”

…… “ ▲ ” “ ▼ ”

“ ↵ ”

4.2.4 bps

bps “ ▶ ” bps “ ▲ ”

“ ▼ ” 1200

M4

4

YM-485	1
YM-K2	2DI+2DO 1 2 2 DI DO 5A×250V DO 29 3
YM-E2	1 1 6 0.1~10000kWh kvarh / 1A×100V 1
YM-A20	DC4~20mA 29 2

YM-K2 YD2200 RS485
ModBus-RTU

6.1

65 ± 0.5mm×22 ± 0.5mm×49 ± 0.5mm
60g
2 6
<1s YM-K2
5~255 ms

2 6
<1s
250V 5A
1
-10~ 50
-25~ 75
20~95
-

YD2200

0

InPulesCount

YD2200 YD2200

YM-K2

DO

DI/DO bit8~13 DO1~6 1

0

YD2200 0

255

1~33 3 I1

YD2200 DO1

DO2 YD2200 “ ◀ ”

U1 110V 2s, DO2 3s

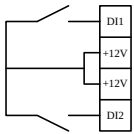
U1 120V 0s, D2 DO2 1

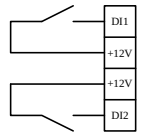
1100 2 1200 0

3

6.3

YD2200





+12V

6.4

/ 16

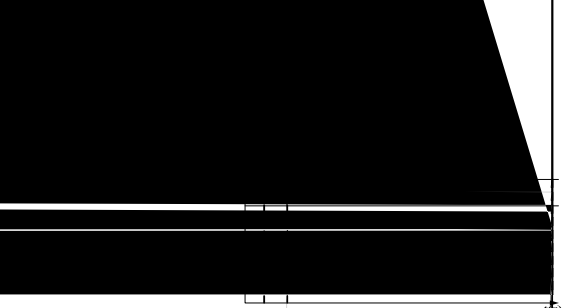
			/	
20	DI/DO	Word		1 0

16

				/	
306			Word	/	5~255 ms
760	DI1	1#	Long		40
762	DI2		Long		
764	DI3	2#	Long		
766	DI4		Long		
768	DI5	3#	Long		
76A	DI6		Long		

			/	
DO1	1#			
311		Word	/	0~0x21 0xff
312		Word	/	0: 0xff:
313		Word	/	1:U1
314		Word	/	2:U12
315		Word	/	3:I1
316		Word	/	4:-
DO2	1#			5:P1
317		Word	/	6:PF1
318		Word	/	7:Q1
319		Word	/	8:S1
31A		Word	/	9:U2
31B		Word	/	A:U23
31C		Word	/	B:I2
DO3	2#			C:-
31D		Word	/	D:P2
31E		Word	/	E:PF1
31F		Word	/	F:Q2
320		Word	/	

DO4	2#			13:I3
323		Word	/	14:-
324		Word	/	15:P3
325		Word	/	16:PF3
326		Word	/	17:Q3
327		Word	/	18:S3
328		Word	/	19:U
DO5	3#			1A:UL
329		Word	/	1B:I
32A		Word	/	1C:F
32B		Word	/	1D:P
32C		Word	/	1E:PF
32D		Word	/	1F:Q
32E		Word	/	20:S
DO6	3#			21:MIN(p1,p2,p3)
32F		Word	/	
330		Word	/	
331		Word	/	
332		Word	/	
333		Word	/	
334		Word	/	



6.5

www.yada.com.cn

7.1

65 ± 0.5mm×22 ± 0.5mm×49 ± 0.5mm

50g

<100Vdc

<1Adc

<20W

10

100ms YM-E2

+kWh 1 kWh -kWh 1 kWh

+kvarh 1 kvarh -kvarh 1 kvarh

-10~ 50

-25~ 75

20~95

1.0kVDC/min·1mA 100MΩat100V

2kV, 5kHz

6kV 8kV

7.2

YM-E2

1

1

6

0 0.1kWh/kvarh 1

1 1kWh/kvarh 1

2 10kWh/kvarh 1

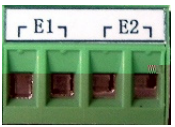
3 100kWh/kvarh 1

4 1000kWh/kvarh 1

5 10000kWh/kvarh 1

1

7.3



E1:kWh

E2:kvarh

7.4

			/	
821 (335h)		Word	/	0-5: 0:0.1kWh/kvarh 1:1kWh/kvarh 2:10kWh/kvarh 3:100kWh/kvarh 4:1000kWh/kvarh 5:10000kWh/kvarh
	2			

7.5

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YD2200 1 16

01 03 0335 0001 crcl crch

1 1kWh1

01 06 0335 0001 crcl crch

8.1

65 ± 0.5mm×22 ± 0.5mm×49 ± 0.5mm

50g

4-20mA

-10~ 50

-25~ 75

20~95 YM-A20

1.0kVDC/1mA 100MΩat100V

2kV, 5kHz

6kV 8kV

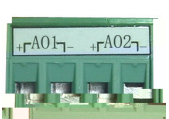
8.2

YM-A20

2 4-20mA

0-31

8.3



8.4

			/	

827(33Bh)	20mA	Word	/	
828(33Ch)	4mA	Word	/	
829(33Dh)	3	Word	/	2#
830(33Eh)	20mA	Word	/	
831(33Fh)	4mA	Word	/	
832(340h)	4	Word	/	2#
833(341h)	20mA	Word	/	
834(342h)	4mA	Word	/	

:

:0-31				
0:U1	8:U2	16:U3	24:U	V/10
1:U12	9:U23	17:U31	25:UL	V/10
2:I1	10:I2	18:I3	26:I	mA
3:F	11:F	19:F	27:F	Hz/100
4:P1	12:P2	20:P3	28:P	W
5:PF1	13:PF2	21:PF3	29:PF	0.001
6:Q1	14:Q2	22:Q3	30:Q	var
7:S1	15:S2	23:S3	31:S	VA

8.5

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YD2200 1 16

out1 01 03 0337 0001 crcl crch

out1 Pa 01 06 0337 0004 crcl crch

out1 20mA 01 06 0338 03E8 crcl crch

out1 4mA 01 06 0339 FC18 crcl crch

86-762-3493871 3493872 3493873

86-762-3496222

86-762-3493926 3493989 (400-830-0868)

86-762-3493912 3493830

517000

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