

(communication content)

(0x03)

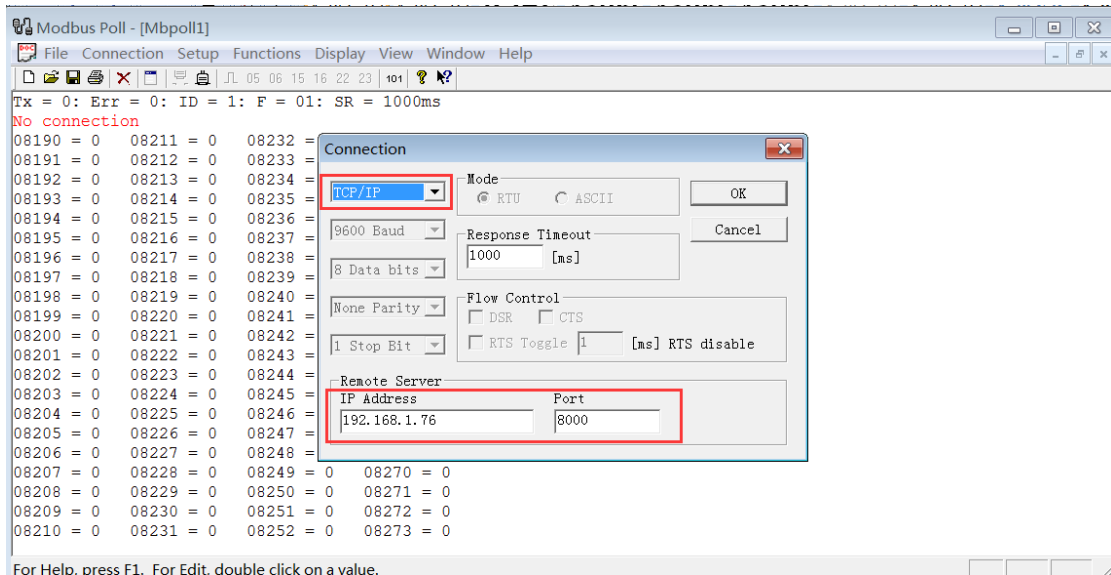
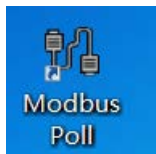
No.(Register)	Name	Data type(Hi-Lo)	Coefficient	Unit	Remark
2002	Voltage	32-bit float	0.01	V	
2000	Current	32-bit float	0.01	A	
2300	Voltage	16-bit unsigned	0.01	V	The same to 2000, but not float
2302	current	16-bit unsigned	0.01	A	The same to 2000, but not float
110	Charging time	16-bit unsigned	1	min	
111	Charging capacity	32-bit float	0.1	AH	

(0X04)

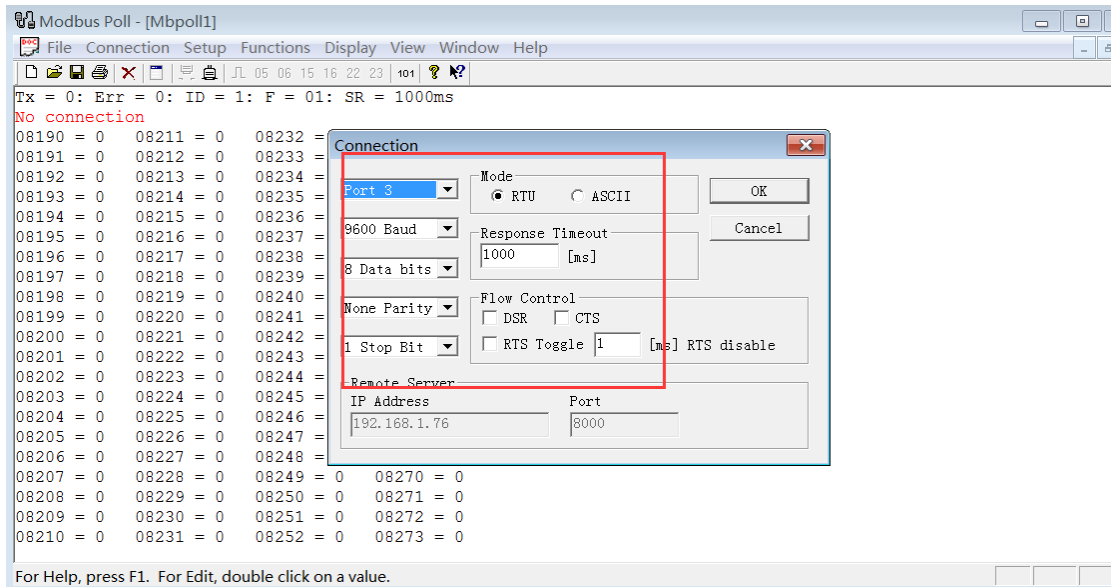
No.(Register)	Name	Data type(Hi-Lo)	Remark
500	Alarm status	16-bit unsigned	1: Lose phase protection 3: Over current protection 6: Over voltage protection 8: Three phase current un balance 9: wrong phase 10: Over temperature

			protection
120	Charging mode	16-bit unsigned int	1: float 0: boost
122	Charging state	16-bit unsigned int	0: state 0 1: state 1 2: state 2 3: state 3 4: state 4 5: state 5

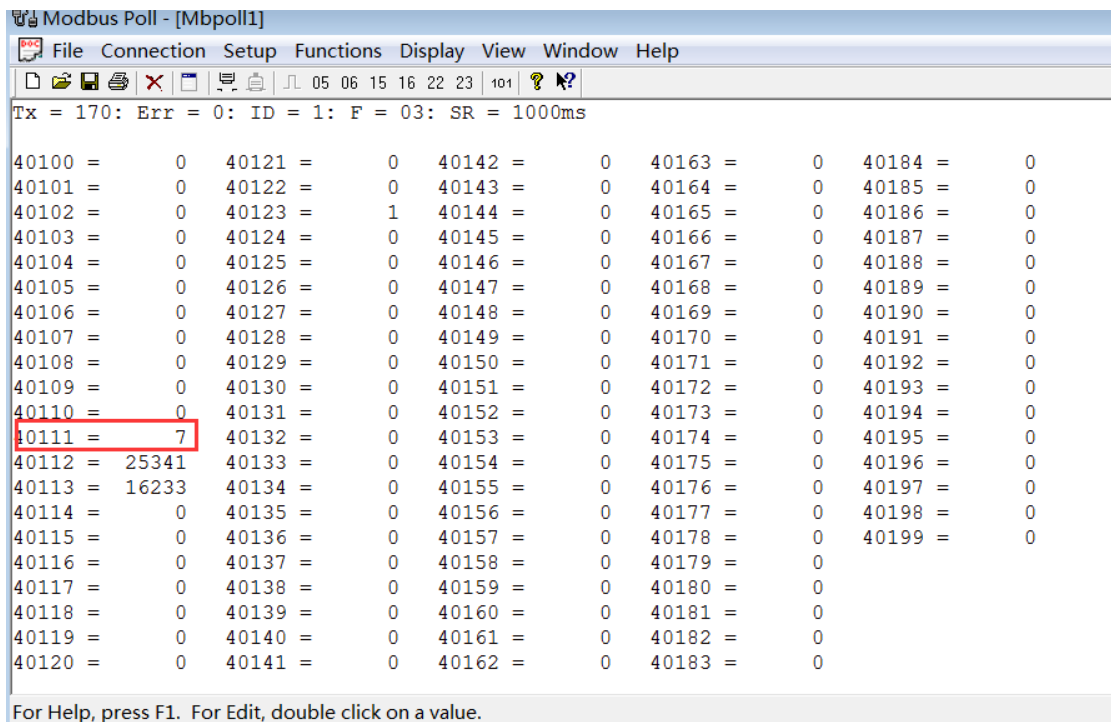
Customers can use Modbus poll; to test the communication of chargers, the following figure is the IP setup and port test of Modbus TCP/IP protocol.



The following figure shows the settings of Modbus RTU:



Specific test examples are as follows:



40111=7, charging time=7min. data type: 16-bit signed

Modbus Poll - [Mbpoll1]

File Connection Setup Functions Display View Window Help

Tx = 10: Err = 0: ID = 1: F = 03: SR = 1000ms

42000 =	0.0000	42020 =	0.0000	42040 =	0.0000	42060 =	0.00
42001 =		42021 =		42041 =		42061 =	
42002 =	7.9000	42022 =	0.0000	42042 =	0.0000	42062 =	0.00
42003 =		42023 =		42043 =		42063 =	
42004 =	125.5000	42024 =	0.0000	42044 =	0.0000	42064 =	0.00
42005 =		42025 =		42045 =		42065 =	
42006 =	0.0000	42026 =	0.0000	42046 =	0.0000	42066 =	0.00
42007 =		42027 =		42047 =		42067 =	
42008 =	0.0000	42028 =	0.0000	42048 =	0.0000	42068 =	0.00
42009 =		42029 =		42049 =		42069 =	
42010 =	0.0000	42030 =	0.0000	42050 =	0.0000	42070 =	0.00
42011 =		42031 =		42051 =		42071 =	
42012 =	0.0000	42032 =	0.0000	42052 =	0.0000	42072 =	0.00
42013 =		42033 =		42053 =		42073 =	
42014 =	0.0000	42034 =	0.0000	42054 =	0.0000	42074 =	0.00
42015 =		42035 =		42055 =		42075 =	
42016 =	0.0000	42036 =	0.0000	42056 =	0.0000	42076 =	0.00
42017 =		42037 =		42057 =		42077 =	
42018 =	0.0000	42038 =	0.0000	42058 =	0.0000	42078 =	0.00
42019 =		42039 =		42059 =		42079 =	

For Help, press F1. For Edit, double click on a value.

42002=7.9, charging current=7.9A。 data type: 32-bit float inverse

42004=125.5, charging voltage=125.5V。 data type: 32-bit float inverse

Modbus Poll - [Mbpoll1]

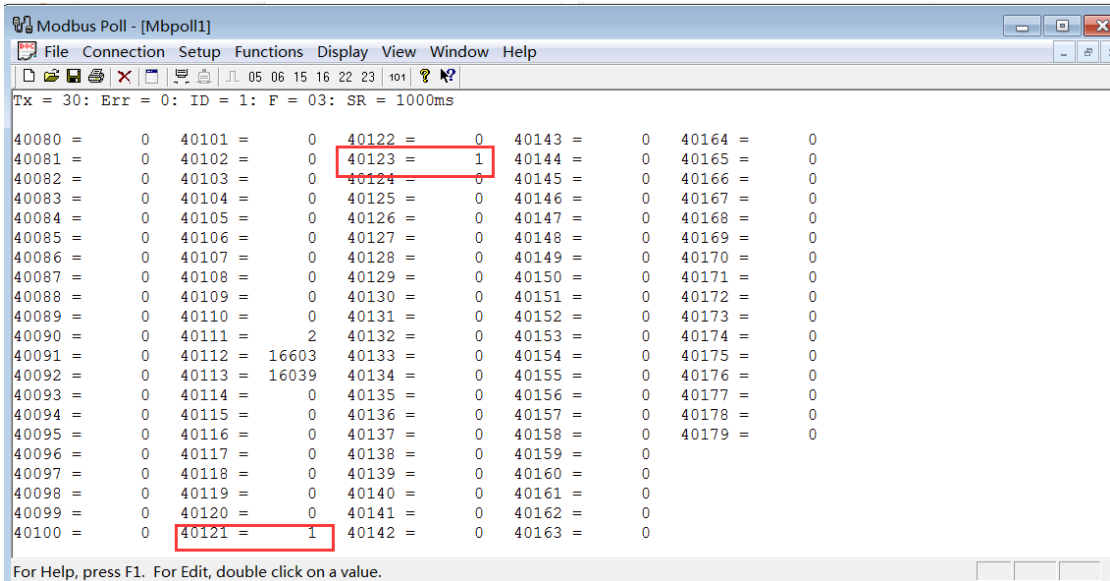
File Connection Setup Functions Display View Window Help

Tx = 41: Err = 0: ID = 1: F = 03: SR = 1000ms

40480 =	0	40501 =	6	40522 =	0	40543 =	0	40564 =	0
40481 =	0	40502 =	0	40523 =	0	40544 =	0	40565 =	0
40482 =	0	40503 =	0	40524 =	0	40545 =	0	40566 =	0
40483 =	0	40504 =	0	40525 =	0	40546 =	0	40567 =	0
40484 =	0	40505 =	0	40526 =	0	40547 =	0	40568 =	0
40485 =	0	40506 =	0	40527 =	0	40548 =	0	40569 =	0
40486 =	0	40507 =	0	40528 =	0	40549 =	0	40570 =	0
40487 =	0	40508 =	0	40529 =	0	40550 =	0	40571 =	0
40488 =	0	40509 =	0	40530 =	0	40551 =	0	40572 =	0
40489 =	0	40510 =	0	40531 =	0	40552 =	0	40573 =	0
40490 =	0	40511 =	0	40532 =	0	40553 =	0	40574 =	0
40491 =	0	40512 =	0	40533 =	0	40554 =	0	40575 =	0
40492 =	0	40513 =	0	40534 =	0	40555 =	0	40576 =	0
40493 =	0	40514 =	0	40535 =	0	40556 =	0	40577 =	0
40494 =	0	40515 =	0	40536 =	0	40557 =	0	40578 =	0
40495 =	0	40516 =	0	40537 =	0	40558 =	0	40579 =	0
40496 =	0	40517 =	0	40538 =	0	40559 =	0		
40497 =	0	40518 =	0	40539 =	0	40560 =	0		
40498 =	0	40519 =	0	40540 =	0	40561 =	0		
40499 =	0	40520 =	0	40541 =	0	40562 =	0		
40500 =	0	40521 =	0	40542 =	0	40563 =	0		

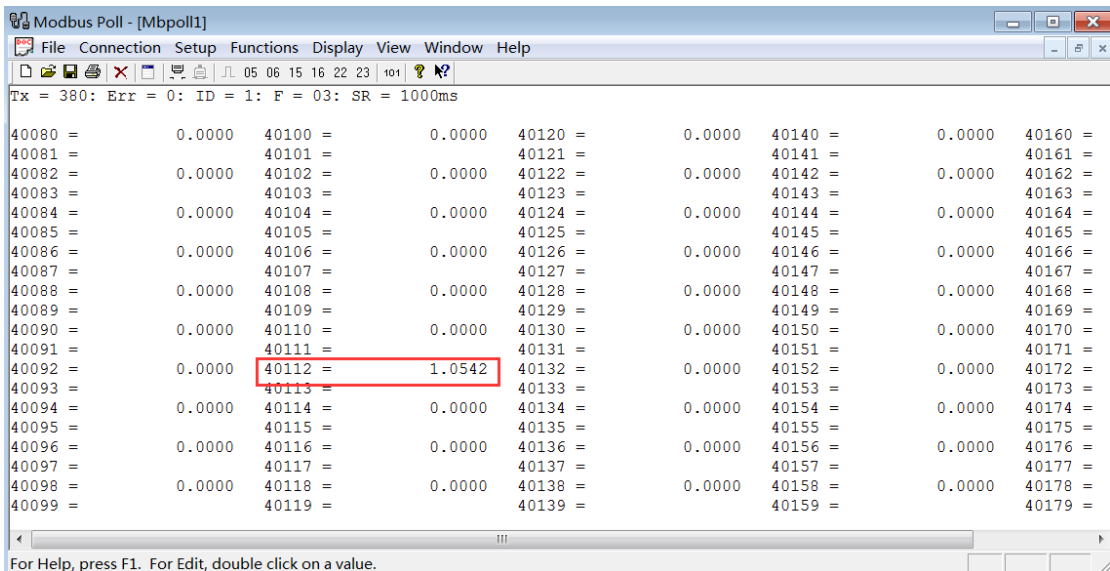
For Help, press F1. For Edit, double click on a value.

40501=6, over voltage protection, data type:16-bit unsigned

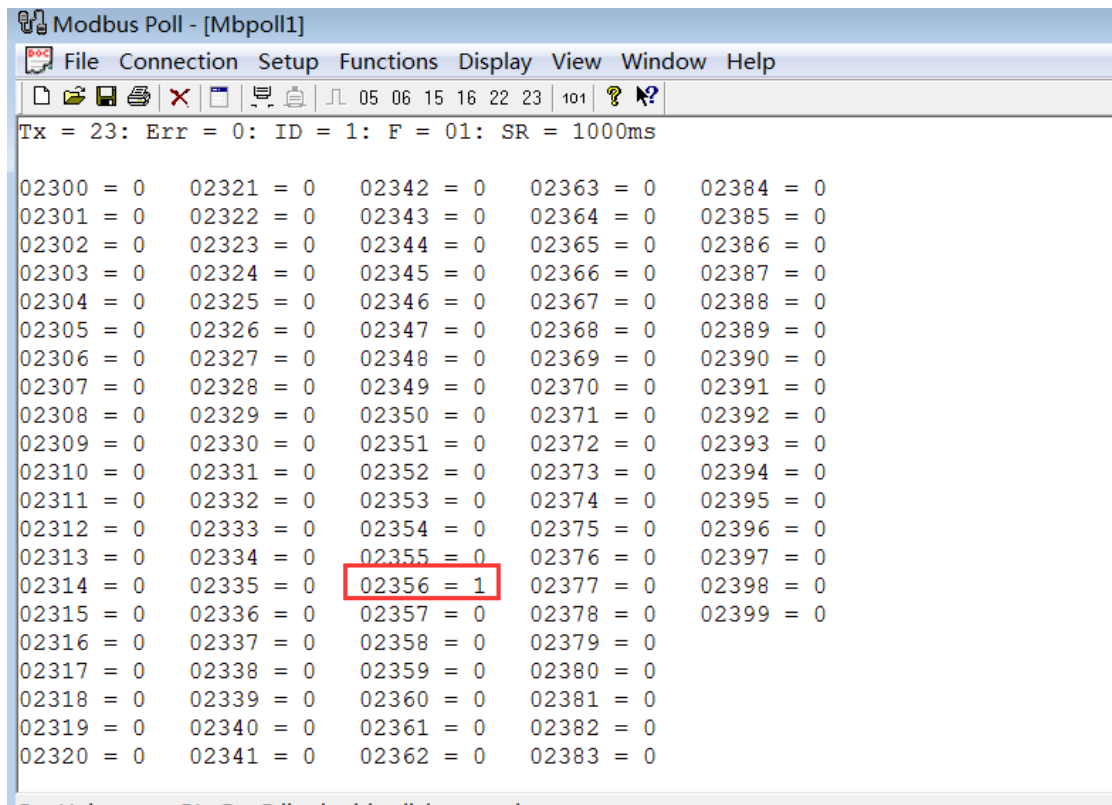


40121=1, boost, data type:16-bit unsigned

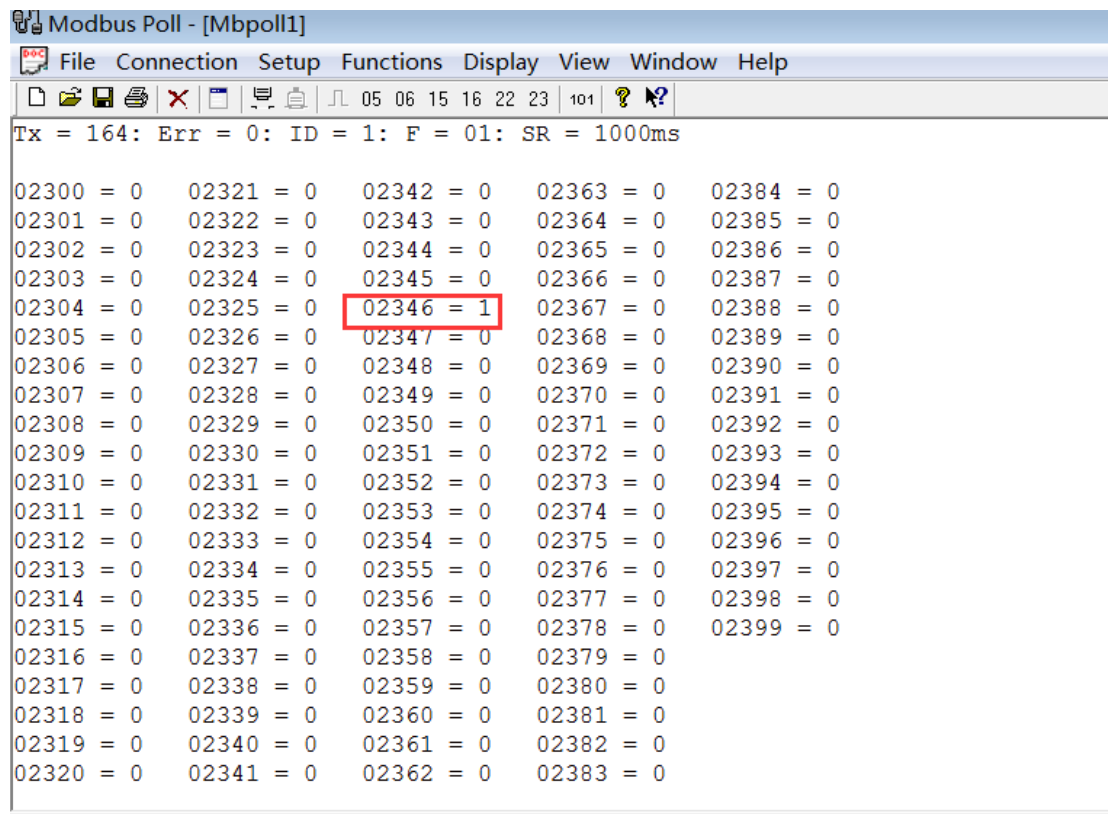
40121=1, step 1, data type:16-bit unsigned (it step 2 ,40121=2)



40112=1.0542, charging capacity=1.0542AH, data type: 32-bit float



02356=1, over voltage alarm, data type: 16-bit unsigned



02346=1, low voltage alarm, data type: 16-bit unsigned