

COLD START THE 584

Dim Awareness

With the battery pack installed, the controller wired to power and the power switched "on", the 584 is in a state of dim awareness; parameters unconfigured. The RAP display will read "SAFE 84", any other code is an error code.

Hardware Connection

Connect a P190 (Port #1) to the 584 (Port #2) using cable #W190.

P190 Port Parameters

Note factory parameters.

BACK OF P190

P190 PORT 1 (TO 584 PORT 1 OR 2)
P190 PORT 2 (TO YOUR PRINTER)

FUSE
IDENTIFICATION PLATE
PARAMETER SELECTION LABEL
DIP SWITCH COVER

PORT 1 DIP SWITCH
1 2 3 4 5 6 7 8
S S S S S S S S

PORT 2 DIP SWITCH
1 2 3 4 5 6 7 8
? ? ? ? ? ? ? ?
S S S S S S S S

Baud Rate	S1	S2	S3	S4
19,200	1	1	1	1
9,600	1	1	1	0
7,200	1	1	0	1
4,800	1	1	0	0
3,600	1	0	1	1
2,400	1	0	1	0
2,000	1	0	0	1
1,800	1	0	0	0
1,200	0	1	1	1
600	0	1	1	0
300	0	1	0	1
150	0	1	0	0
134.5	0	0	1	1
110	0	0	1	0
75	0	0	0	1
50	0	0	0	0
S5	1	Parity Enable		
	0	Parity Disable		
S6	1	Even Parity		
	0	Odd Parity		
S7	1	1 Stop Bit		
	0	2 Stop Bit		
S8	1	8 Data Bit		
	0	7 Data Bit		

FACTORY SET AT
9600 BAUD,
EVEN PARITY
1 STOP BIT,
8 DATA BITS.

YOU SET
FOR YOUR
PRINTER

NOTES:

- 1 = = UP
- 0 = = DOWN
- DIP SWITCHES ARE READ AT POWER UP OR INITIALIZATION ONLY.

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584 Port Parameters

The 584 port parameters must match the P190 parameters while configuring the system or whenever communication is to take place between P190 and 584.

584 parameters can be referenced by keying 6X000Y, REF at the RAP panel. Value for X must equal 1 or 2 and determines whether parameters for 584 Modbus port 1 and 2 will be displayed.

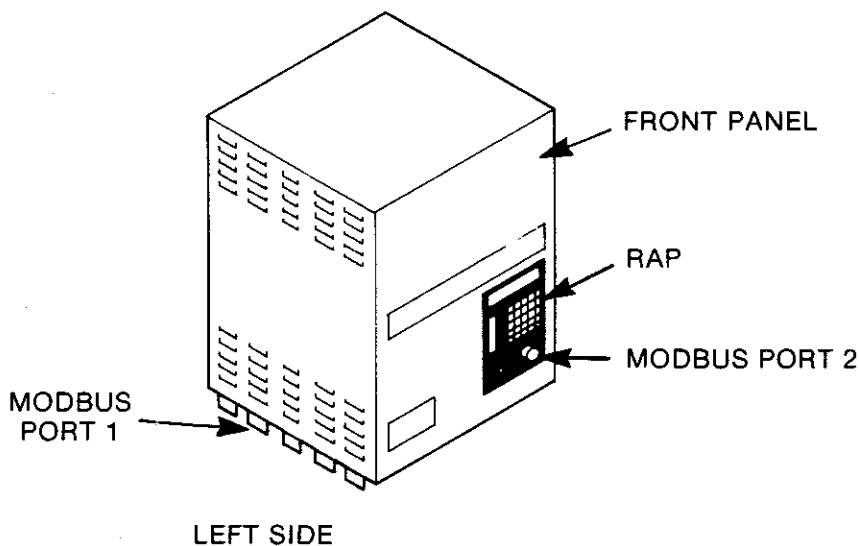
Rap Reference	Description	Default Value	Options	Keystrokes to Change Parameter
6X0001	Port I.D. number	1	1 to 247	I.D. #, enter
6X0002	Baud rate	*	50 to 19,200 (see list below)	Baud rate, enter
6X0003	Parity enabled or disabled	E	E (enabled) or d (disabled)	584A - Toggle between choices with enter key
6X0004	Parity even or odd	EEEEEE	EEEEEE (even) or 000000 (odd)	
6X0005	Number of stop bits	1	1 or 2	
6X0006	RTU or ASCII	bbbbbb	bbbbbb (RTU) or ASCII	584M & L - One time change from default via enter key
6X0007	Modbus delay	1	1 (10msec) to 20	

↑
1 = Modbus port 1
2 = Modbus port 2

*584A = 1200
584M & L = 9600

Baud Rates

50
75
110
134.5
150
300
600
1,200
1,800
2,000
2,400
3,600
4,800
7,200
9,600
19,200



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After cabling the P190 to the 584 and matching P190 port parameters, the 584 can be brought up from dim awareness using a configurator working tape (AS-T584-004) at the P190.

584 Power Up/Configure Sequence

