



**POWER SUPPLY (PW) BENCH  
CHECK JUMPERS**

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## PW BENCH CHECK JUMPER

When bench testing the PW Power Supply without a console connected, you must jumper certain pin at the DC output plug. Please see the list below:

### **PW5000 POWER SUPPLY FOR PM5000** Connector Wiring

PIN	FUNCTION		PIN	FUNCTION
1	-16V		15	+16V
2	-16V		16	+ - 16V GND
3	FRAME G		17	+12VG
4	-16V		18	+12CG
5	-16V		19	+48V
6	+ - 16V GND		20	CAUTION LED
7	+12VG		21	+16V GND
8	REMOTE		22	+12V
9	+16V		23	+12V
10	+16V		24	+48V GND
11	+ - 16V GND		25	+12V
12	+12VG		26	+12V
13	REMOTE		27	+12V
14	+16V			

### **PW5000 for PM5000** **To bench test short pins:** **3, 6, 7, 8, 11, 12, 13, 16, 17, 18, 21, 24**

PW4000: Power supply for PM3500, PM3500M, PM4000 and PM4000M

### Connector Wiring

PIN	FUNCTION	PIN N	FUNCTION	PIN N	FUNCTION
1	-19V (blue)	10	19 GND (Black)	19	PM CAUTION (+) (white )
2	-19V (blue)	11	19 GND (black)	20	+48V (orange)
3	FRAME GND (green)	12	12 GND (white)	21	48V GND (brow)
4	-19V (blue)	13	+19V (red)	22	+12V (purple)
5	-19V (blue)	14	+19V (red)	23	+12V (purple)
6	FRAME GND (green)	15	19 GND (black)	24	PW CAUTION (red )
7	FRAME GND (green)	16	19 GND (black)	25	REMOTE (red )
8	+19V (red)	17	12 GND (white)	26	REMOTE (white)
9	+19V (red)	18	12 GND (white)	27	+12V (purple)

### **Need 3 jumpers to turn on the Power Supply**

- Jumper 1 Connected the Pin 3 and Pin 10 to Pin 25 and 26.**
- Jumper 2 Connected the Pin 7 to Pin 12.**
- Jumper 3 Connected the Pin 6 to Pin 21.**

## PW3000M: Power Supply for M3000, M3000A and M2500

### Connector Wiring

PIN 1	Power supply remote (brow)
2	+15 (red)
3	GND15V (black)
4	GND 48V (black)
5	-15V (blue)
6	+12V (yellow)
7	GND 12V (black)
8	Power supply remote (white)
9	48V (orange)
10	FRANE GND (black)

**Need 1 jumper to turn on the Power Supply  
Connected Pin 1 to Pin 7 and Pin 8**

## PW3000MA: Power Supply for M3000, M3000A and M2500

### Connector Wiring

Pin 1	Power supply remote (brow)
2	+15 (red)
3	GND15V (black)
4	GND 48V (black)
5	-15V (blue)
6	+12V (yellow)
7	GND 12V (black)
8	Power supply remote (white)
9	48V (orange)
10	FRANE GND (black)

**Need 1 jumper to turn on the Power Supply  
Connected Pin 1 to Pin 7 and Pin 8**

## PW2000M Power Supply for M2000

### Connector Wiring

PINS	FUNCTIONS
1	E 48V (GY)
2	E 12V (white)
3	E 17V (black)
4	+48V (orange)
5	+12V (brown)
6	+17V ( red)
7	-17V (blue)
8	FRANE GND (green)
9	DETECT A (purple)
10	DETECT B (BLU)

**Need 1 Jumper for turn on Power Supply  
Connected Pin 9 to Pin 10**

## PW1800: Power Supply for PM1800 and PM1800A

### Connector Wiring

PINS	FUNCTION
1	E 48V(black)
2	E 12V (white)
3	E 17V (black)
4	+48V (yellow)
5	+12V (brown)
6	+17V ( red)
7	-17V (blue)
8	FRANE GND (green)
9	DETECT A (purple)
10	DETECT B (GREEN)

**Need 1Jumper for turn on Power Supply  
Connected Pin 1 to Pin 10**

## PW3000 and PW3000A for PM3000

### Connector Wiring

CONNECTOR A		CONNECTOR B	
PIN	FUNCTION	PIN	FUNCTION
1	+20V	1	+12V
2	DETECT A	2	+48V
3	-20V	3	E(+48V)
4	+20V	4	+12V
5	+20V	5	+12V
6	-20V	6	E(+12V)
7	-20V	7	E(+12V)
8	E ( + 20V )	8	GND
9	E ( +20V )	9	DETECT B
10	E ( +20V )	10	E(12V)

**The PW3000 and PW3000A need to 2 Jumpers for tune on power.**

**Jumper 1** Connector A Pin 2 to Connector B Pin 9.

**Jumper 2** Connector A Pins 8, 9 and 10 to Connector B Pins 3, 6, 7, 8 and Pin 10

## PW800 Power Supply for PM5D

### Connector Wiring

PIN	FUNCTION		PIN	FUNCTION
1	+24V		13	GND
2	+24V		14	GND
3	+24V		15	GND
4	+24V		16	GND
5	+24V		17	GND
6	+24V		18	GND
7	+24V		19	CAUTION (+)
8	+24V		20	CAUTION (-)
9	+24V		21	DETECT A
10	GND		22	DETECT B
11	GND		23	DETECT GND
12	GND			Frame GND

**PW800 need 1 Jumpers**

**Short Pins**

**Pin 21, 22 and pin 23**