



ABOUT US

POWER SUPPLIES

BATTERY DOC

PRESS RELEASES

SALES

# Modular Power Systems Pin Assignments



## A. FRONT END

### A) MPS10 Front End Connector CON 1 (JS-1200R-10)

PIN No.	Description	PIN No.	Description
1	5Vsb RTN	6	INH-L
2	5Vsb RTN	7	AC OK-Collector
3	DC OK-Collector	8	Isolate INH-H
4	DC OK-Emitter	9	AC OK-Emitter
5	+5Vsb	10	Isolate INH-L

### B) MPS16 Front End Connector CON 1 (JS-1200R-16)

PIN No.	Description	PIN No.	Description
1	+5Vsb	9	DC OK-Collector
2	+5Vsb	10	Fan Fail
3	+5Vsb	11	DC OK-Emitter
4	5Vsb RTN	12	INH-L
5	5Vsb RTN	13	AC OK-Collector

## B. REAR END (continued)

### C) Positronic Connector / 100W Triple Output Module CN3(Positronics Connector ASK20019-PA072)

PIN No.	PIN Assignment	PIN No.	PIN Assignment
1	Output RTN	15	AC OK-Emitter
2	Output RTN	16	I-Share
3	V1 (+5V@15A)	17	I-Monitor
4	V1 (+5V@15A)	18	Isolate INH-H
5	V2 (+12V@9A or 24V@4A)	19	INH+
6	V3 (+/- 5V or +/- 12V@1A)	20	INH-L
7	+5Vsb	21	INH-
8	5Vsb RTN	22	NC
9	5Vsb RTN	23	F.G.
10	INH-L	24	AC-L
11	DC OK-Collector	25	NC
12	DC OK-Emitter	26	NC
13	Isolate INH-H	27	AC-M
14	AC OK-Collector		

The total output power of V1, V2 and V3 is 100W.

6	5Vsb RTN	14	Isolate INH-H
7	5Vsb RTN	15	AC OK-Emitter
8	5Vsb RTN	16	Isolate INH-L

**B. REAR END**

**A) Mini Fit / 100W Triple Output Module  
CON 3 (JS-1154 16)**

PIN No.	Description	PIN No.	Description
1	I-Share	9	V1 (+5V@15A)
2	I-Monitor	10	V1 (+5V@15A)
3	INH-L	11	V1 (+5V@15A)
4	INH+	12	V1 (+5V@15A)
5	INHV3	13	Output RTN
6	V3 (+/- 5V or +/- 12V@1A)	14	Output RTN
7	V2 (+12V@9A or 24V@4A)	15	Output RTN
8	V2 (+12V@9A or 24V@4A)	16	Output RTN

The total output power of V1, V2 and V3 is 100W.

**B) Screw Terminal / 200W Single Output Module  
O/P(+/-)(WS-79425)**

PIN No.	Description	PIN No.	Description
O/P(-)	V OUT RTN	O/P(+)	V OUT +

**CN5(WFER 2x5 90 Degree -2.0mm)**

PIN No.	Description	PIN No.	Description
1	I-Monitor	9	INH-
2	RS+	10	A
3	I-Share	11	RS-
4	RS-	12	B
5	INH+	13	18Vcc

**D) Positronic Connector / 200W Single Output Module  
CON3(Positronics Connector ASK20019-PA071)**

PIN No.	PIN Assignment	PIN No.	PIN Assignment
1	NC	15	NC
2	NC	16	I-Share
3	NC	17	I-Monitor
4	NC	18	NC
5	NC	19	INH-
6	NC	20	INH+
7	A	21	18Vcc
8	NC	22	Ouput+
9	NC	23	Ouput+
10	RS+	24	Ouput+
11	RS+	25	Ouput RTN
12	NC	26	Ouput RTN
13	RSNC	27	Ouput RTN
14	NC		

The total output power of V1, V2 and V3 is 100W.

