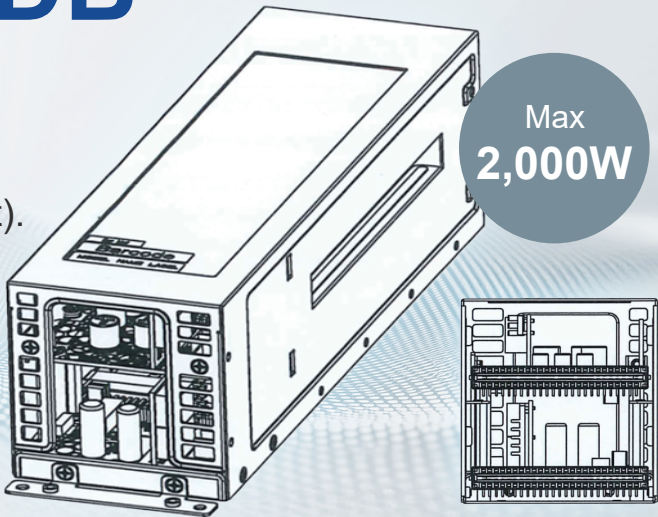


Power Supply PDB

CPR-2021-2H8

Backplane with Case for 2x CRPS (Redundant).

Designed for seamless and easy integration, this compact backplane with case supports dual CRPS for reliable power distribution.



● Product details and image are for reference and final product is subject to change without notice.

POWER INPUT

INPUT CONNECTOR	ALL TOP C21058-101H3 –Y or equivalent	
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INPUT PIN ASSIGNMENT											
PIN#	Pin Function	PIN#	Pin Function	PIN#	Pin Function	PIN#	Pin Function	PIN#	Pin Function	PIN#	Pin Function
A1	GND	A10	+12V	A19	PMBus SDA	B1	GND	B10	+12V	B19	A0(SMBus address)
A2	GND	A11	+12V	A20	PMBus SCL	B2	GND	B11	+12V	B20	A1(SMBus address)
A3	GND	A12	+12V	A21	PSON	B3	GND	B12	+12V	B21	+12Vstby
A4	GND	A13	+12V	A22	SMBAAlert#	B4	GND	B13	+12V	B22	Wake up Bus
A5	GND	A14	+12V	A23	Return sense	B5	GND	B14	+12V	B23	12V load share bus
A6	GND	A15	+12V	A24	+12V Remote sense	B6	GND	B15	+12V	B24	N.C.
A7	GND	A16	+12V	A25	PWOK	B7	GND	B16	+12V	B25	N.C.
A8	GND	A17	+12V			B8	GND	B17	+12V		
A9	GND	A18	+12V			B9	GND	B18	+12V		

POWER OUTPUT

OUTPUT VOLTAGE			Symbol	Wire Length	Connector	
Output	Nominal	Regulation	P1	350mm		24-Pin Molex 39-01-2240 or equivalent
+12V	12V	11.4 to 12.6V	P2 x 2	400mm		Processor Power Connector 8-Pin Molex 39-01-2080 or equivalent
+5V	5V	4.75 to 5.25V	P3_A & P3_B	400mm		Processor Power Connector Split 8-Pin (4P+4P) Molex 39-01-2080 or equivalent
+3V3	3.3V	3.13 to 3.46V	P4	250mm		Peripheral Power Connectors Amp 1-480424-0 or equivalent
-12V	-12V	-11.4 to -12.6V	P5	150mm		Peripheral Power Connectors Amp 1-480424-0 or equivalent
+5Vsb	5V	4.75 to 5.25V	P6	150mm		Floppy Power Connector Amp 171822-4 or equivalent
OUTPUT CURRENT			P7	250mm		Peripheral Power Connectors Amp 1-480424-0 or equivalent
Output	Minimum	Maximum	P8	150mm		Floppy Power Connector Amp 171822-4 or equivalent
+12V	0.5A	150A	P9	150mm		Floppy Power Connector Amp 171822-4 or equivalent
+5V	0.3A	50A	P10	350mm		SATA Connector Molex 67582-0000
+3V3	0.3A	30A	P11	150mm		SATA Connector Molex 67582-0000
-12V	0A	0.6A	P12	350mm		SATA Connector Molex 67582-0000
+5Vsb	0.3A	5A	P13	150mm		SATA Connector Molex 67582-0000
			P14	300mm		Server Signal Connector 5-pin Molex 50-57-9405 or equivalent



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