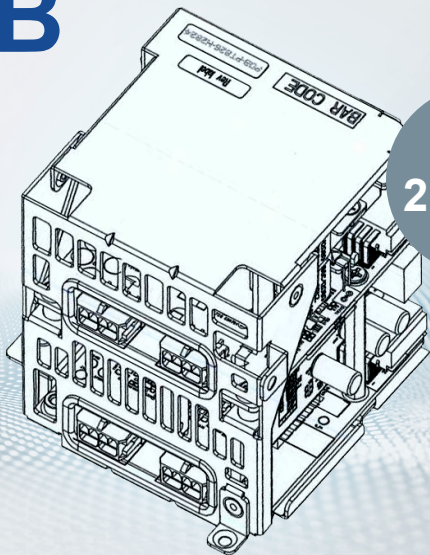


Power Supply PDB

CPR-2021-2HK

CRPS Power Distribution Board (2.6kW)

This backplane is engineered for a seamless, single-PSU setup, offering reliable power distribution for CRPS models with an output up to 2600W.



Max
2,600W

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

POWER INPUT

INPUT CONNECTOR	Amphenol GPCP145000111HR 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	Present
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	PA	190mm		24-Pin Molex 39-01-2240 or equivalent
+12V	12V	11.4 to 12.6V	PB & PC	180mm		Processor Power Connector 8-Pin Molex 39-01-2080 or equivalent
+5V	5V	4.80 to 5.25V	PD	200mm		Peripheral Power Connectors Amp 1-480424-0 or equivalent
+3V3	3.3V	3.20 to 3.46V	PH	270mm		Server Signal Connector 5-pin Molex 50-57-9405 or equivalent
+5Vsb	5V	4.75 to 5.25V	-	PCB mounted		Bellwether 70095-0808 or equivalent

OUTPUT CURRENT		
Output	Minimum	Maximum
+12V	0.5A	210A
+5V	0.3A	25A
+3V3	0.3A	13A
+5Vsb	0.3A	6A



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