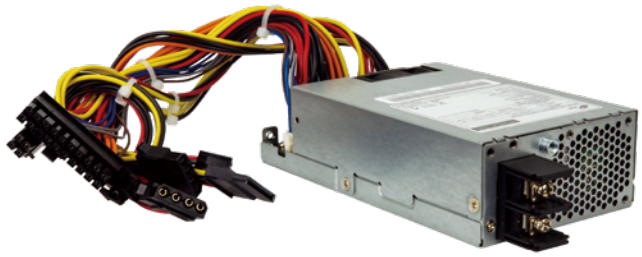
63030-010250-060-RS

250 W 24V DC input 1U ATX Power Supply

250W



High power capacity 250W in 1U size!!

Meets ATX revision 2.0 with 20+4-pin ATX power and SATA

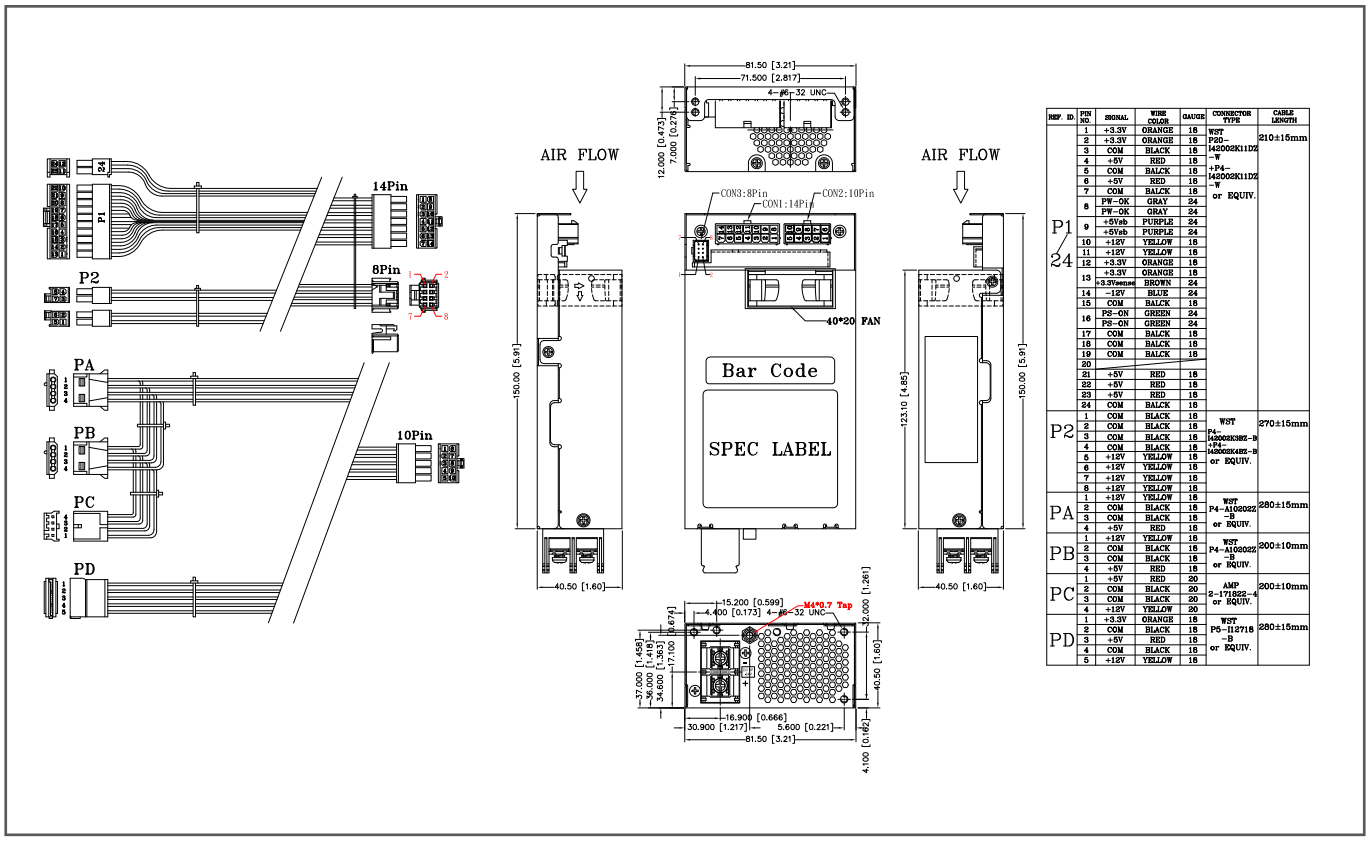
Specifications

Input	**Voltage**	18 ~ 36 VDC input		
	Input Current	15 A (RMS) @ -24 VDC		
	Inrush Current	18 A max. for -24 VDC		
Output	**Voltage**	**Min. Load**	**Max. Load**	**Ripple & Noise**
	+5 V	0 A	14 A	50 mV P-P
	+12 V	0.05 A	18 A	120 mV P-P
	-12 V	0 A	0.3 A	120 mV P-P
	+3.3 V	0 A	10 A	50 mV P-P
	+5 Vsb	0 A	2.5 A	50 mV P-P
	+3.3V, +5V, +12V total current not exceed 184W			
	Overvoltage Protection	+5 V output: 5.7 V ~ 6.5 V +12 V output: 13.3 V ~ 15.5 V +3.3 V output: 3.7 V ~ 4.5 V		
	Over Circuit Protection	+5 V output: 18 V ~ 22 V +12 V output: 20 V ~ 26 V +3.3 V output: 15 V ~ 20 V		
	Short Circuit Protection	+3.3 V, +5 V, +12 V shut down and latch off		
General Specifications	**Output Rise Time**	20 ms max.		
	Efficiency	80%		
	MTBF	100,000 hours on max. load at +25°C		
	Temperature	Operating: 0°C ~ 50°C Storage: -20°C ~ 80°C		
	Relative Humidity	5% ~ 95% RH non-condensing		
	Output Connector	20+4-pin ATX, 2 x 4-pin 12V CPU, FDD, SATA, 2 x HDD		

Ordering Information

Part No.	Description
63030-010250-060-RS	250W 24 V DC Input 1U ATX Power Supply

Dimensions *(Unit: mm)*



REF. ID.	PIN NO.	SIGNAL	WIRE COLOR	GAUGE	CONNECTOR TYPE	CABLE LENGTH
P1 24	1	+3.3V	ORANGE	18	WST P20-142002K11D2-W or EQUIV.	210±15mm
	2	+3.3V	ORANGE	18		
	3	COM	BLACK	18		
	4	+5V	RED	18		
	5	COM	BALCK	18		
	6	+5V	RED	18		
	7	COM	BALCK	18		
	8	PW-OK	GRAY	24		
		PW-OK	GRAY	24		
	9	+5Vsb	PURPLE	24		
		+5Vsb	PURPLE	24		
	10	+12V	YELLOW	18		
	11	+12V	YELLOW	18		
	12	+3.3V	ORANGE	18		
	13	+3.3V	ORANGE	18		
		+3.3Vsense	BROWN	24		
	14	-12V	BLUE	24		
	15	COM	BALCK	18		
	16	PS-ON	GREEN	24		
		PS-ON	GREEN	24		
	17	COM	BALCK	18		
	18	COM	BALCK	18		
	19	COM	BALCK	18		
	20					
	21	+5V	RED	18		
	22	+5V	RED	18		
	23	+5V	RED	18		
	24	COM	BALCK	18		
P2	1	COM	BLACK	18	WST P4-142002K38Z-B +P4-142002K48Z-B or EQUIV.	270±15mm
	2	COM	BLACK	18		
	3	COM	BLACK	18		
	4	COM	BLACK	18		
	5	+12V	YELLOW	18		
	6	+12V	YELLOW	18		
	7	+12V	YELLOW	18		
	8	+12V	YELLOW	18		
PA	1	+12V	YELLOW	18	WST P4-A102022-B or EQUIV.	280±15mm
	2	COM	BLACK	18		
	3	COM	BLACK	18		
	4	+5V	RED	18		
PB	1	+12V	YELLOW	18	WST P4-A102022-B or EQUIV.	200±10mm
	2	COM	BLACK	18		
	3	COM	BLACK	18		
	4	+5V	RED	18		
PC	1	+5V	RED	20	AMP 2-171822-4 or EQUIV.	200±10mm
	2	COM	BLACK	20		
	3	COM	BLACK	20		
	4	+12V	YELLOW	20		
PD	1	+3.3V	ORANGE	18	WST P5-112718-B or EQUIV.	280±15mm
	2	COM	BLACK	18		
	3	+5V	RED	18		
	4	COM	BLACK	18		
	5	+12V	YELLOW	18		