



Features and Benefit:

Excellent Protection Inside

- On-line UPS function inside
- Ultimate-protection in the power unit
(Avoiding surges, sages and fluctuations)
- Minimizing the “Single-Point-Failures”

High Energy Efficiency

- High total energy efficiency
- Only one time E-M energy transfer.
- Auto battery recharge

Widely Input and Flexible Output

- AC 100~240V and DC (12V) parallel inputs.
- Batteries extensible and hot-swap
- Ni-MH battery, (option)
- Meet the ATX 12V 2.01

Intelligent Remote Control & Monitoring

- Software interface compatibility with
- more O/S: WIN, LINUX, etc, With RS-232 or USB
- Remote control & monitoring via SNMP (option)

Special Predominance

- Battery discharge / charge protection

Specification:

- AC input Voltage:100~240V
- AC input frequency: 47~ 63Hz
- Active PFC compliance with EN61000-3-2 D.
- AC efficiency typical: $\geq 70\%$
- DC input Voltage:12V
- DC efficiency input typical: $\geq 65\%$
- Low ripple & noise
- Short circuit protection
- Over load and Voltage protection
- Dielectric withstand input to ground:1800Vac 1 sec
- Line regulation: $\pm 1\%$ typical
- Load regulation: $\pm 5\%$ typical
- Operating/storage Temp. $0^{\circ}\text{C}\sim 45^{\circ}\text{C}$ / $-40^{\circ}\text{C}\sim 50^{\circ}\text{C}$
- Hold-up time : $\geq 18\text{mS}$
- P/G signal delay: Power on 100~500mS; off $> 1\text{mS}$.
- MTBF:100K Hrs typical, at 25°C
- EMC: regulations **CE EMC, FCC part 15 class B**
- Safety compliance with **UL, c-UL, CE LVD**
- Dimension: W100 xD200 xH40.8 mm
- Cooling: 40 x40(mm) Fan x 1

Battery Selection:

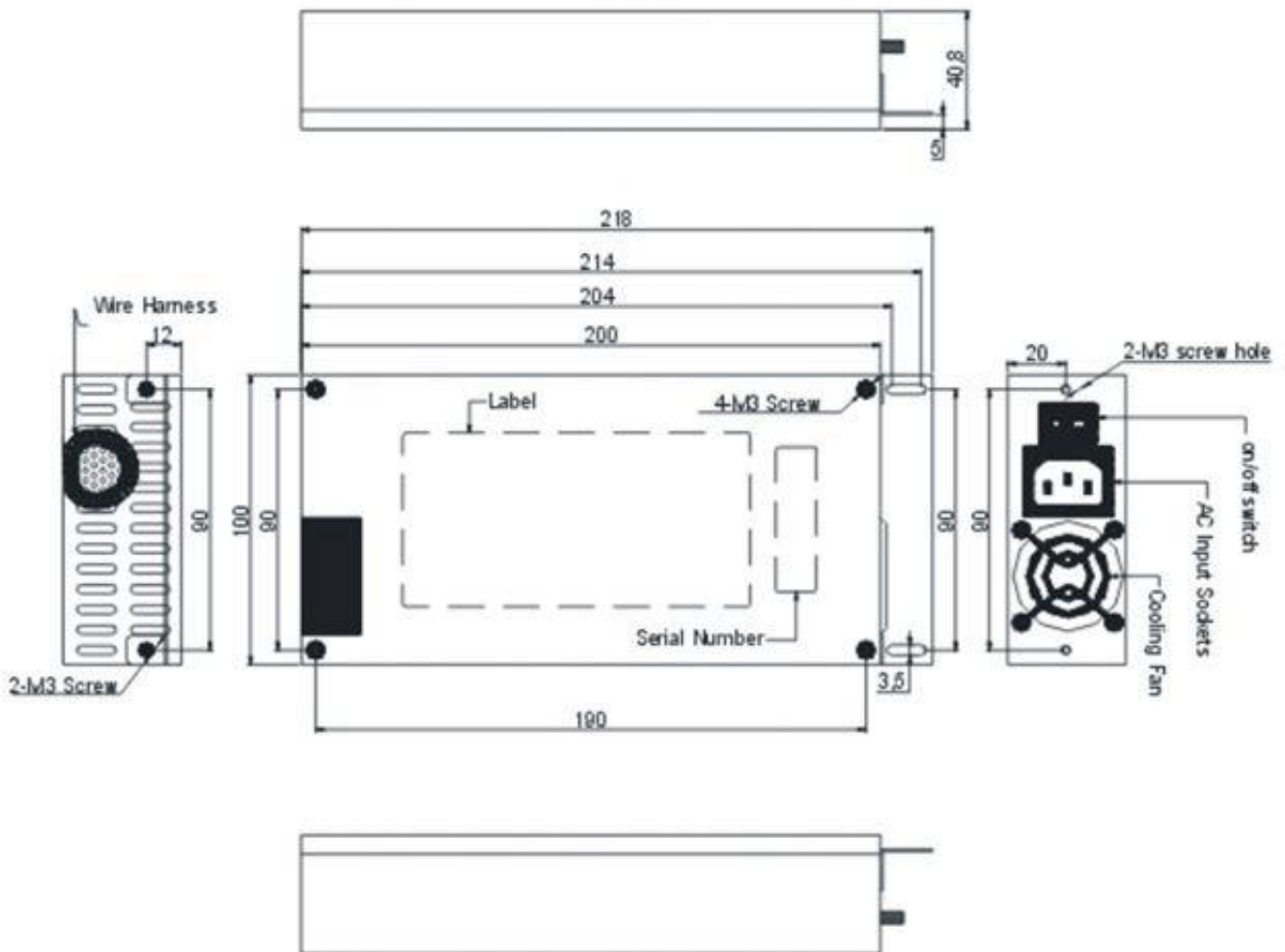


JUIX5160~JUIX2500 Models List:

Size / Cooling	Model	Vdc	Output max									Total output W	
			+5V	+3.3V	W	+12V			-5V	-12V	+5Vsb		
			A	A		1	2	3	A	A	A		
41 x 100 x 200	JDI X5160	12	16	12	100	10				0.3	0.3	1	160
1 x Fan	JDI X5200	12	23	17	140	12				0.3	0.3	2	200



Mechanical Drawing:





Wire Harness:

P1 Main Power Connector	PIN/NO.	Line Color	Function	PIN/NO.	Line Color	Function
	11	Orange	+3.3V	1	Orange	+3.3V
	12	Blue	-12V	2	Orange	+3.3V
	13	Black	GND	3	Black	GND
	14	Green	PS-ON	4	Red	+5V
	15	Black	GND	5	Black	GND
	16	Black	GND	6	Red	+5V
	17	Black	GND	7	Black	GND
	18	White	-5V	8	Gray	PWR OK
	19	Red	+5V	9	Purple	5VSB
20	Red	+5V	10	Yellow	+12V	
P2 +12V Power Connector	PIN/NO.	Line Color	Function	PIN/NO.	Line Color	Function
	3	Yellow	+12V	1	Black	GND
P5 Floppy Drive Connector	PIN/NO.	Line Color	Function	PIN/NO.	Line Color	Function
	3	Black	GND	1	Yellow	+12V
P9 Serial ATA Connector	PIN/NO.	Line Color	Function	PIN/NO.	Line Color	Function
	4	Black	GND	1	Yellow	+12V
P3 P4 P6 P7 Peripheral Power Connector	PIN/NO.	Line Color	Function	PIN/NO.	Line Color	Function
	3	Black	GND	1	Yellow	+12V
P8 Battery Connector	PIN/NO.	Line Color	Function	PIN/NO.	Line Color	Function
	2	Yellow	+12V	1	Black	GND