

# JASUNY®

Ultimate-Pro Power Solution

**Professional Power System**  
**—With Extra Protection**

**Model:**  
**JUIX7300**  
**JUIX7350**

Meet ATX 12V 2.01



**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 (24V) parallel inputs.
- Batteries extensible and hot-swap
- Ni-MH battery, (option)
- Meet the 1U 24V

**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: ≥70%
- DC input Voltage:24V
- DC efficiency input typical: ≥65%
- Low ripple & noise
- Short circuit protection
- Over load and Voltage protection
- Dielectric withstand input to ground:1800Vac 1 sec
- Line regulation: ±1%typical
- Load regulation: ±5%typical
- Operating/storage Temp. 0℃~45℃ / -40℃~ 50℃
- Hold-up time : ≥18mS
- P/G signal delay: Power on 100~500mS; off >1mS.
- MTBF:100K Hrs typical,at 25℃
- EMC: regulations CE EMC, FCC part 15 class B
- Safety compliance with UL, c-UL, CE LVD
- Dimension: W100 xD200 xH40.8 mm

**Battery Selection:**

**JUIX7300~JUIX7350 Models List:**

Size / Cooling	Model	Inputs		Output max:										Total output W	
		Vac	Vdc	+5V	+3.3V	+12V			-5V	charge	-12V	+5Vsb			
				A	A	W	1	2	3	A	A/V	A	A		
41 x 100 x 200	JUIX7300	100-240	24	25	20	150	18				-	0.5 / 28	0.8	2	300
2 x Fans	JUIX7350	100-240	24	28	20	180	25				-	0.5 / 28	0.8	2	350

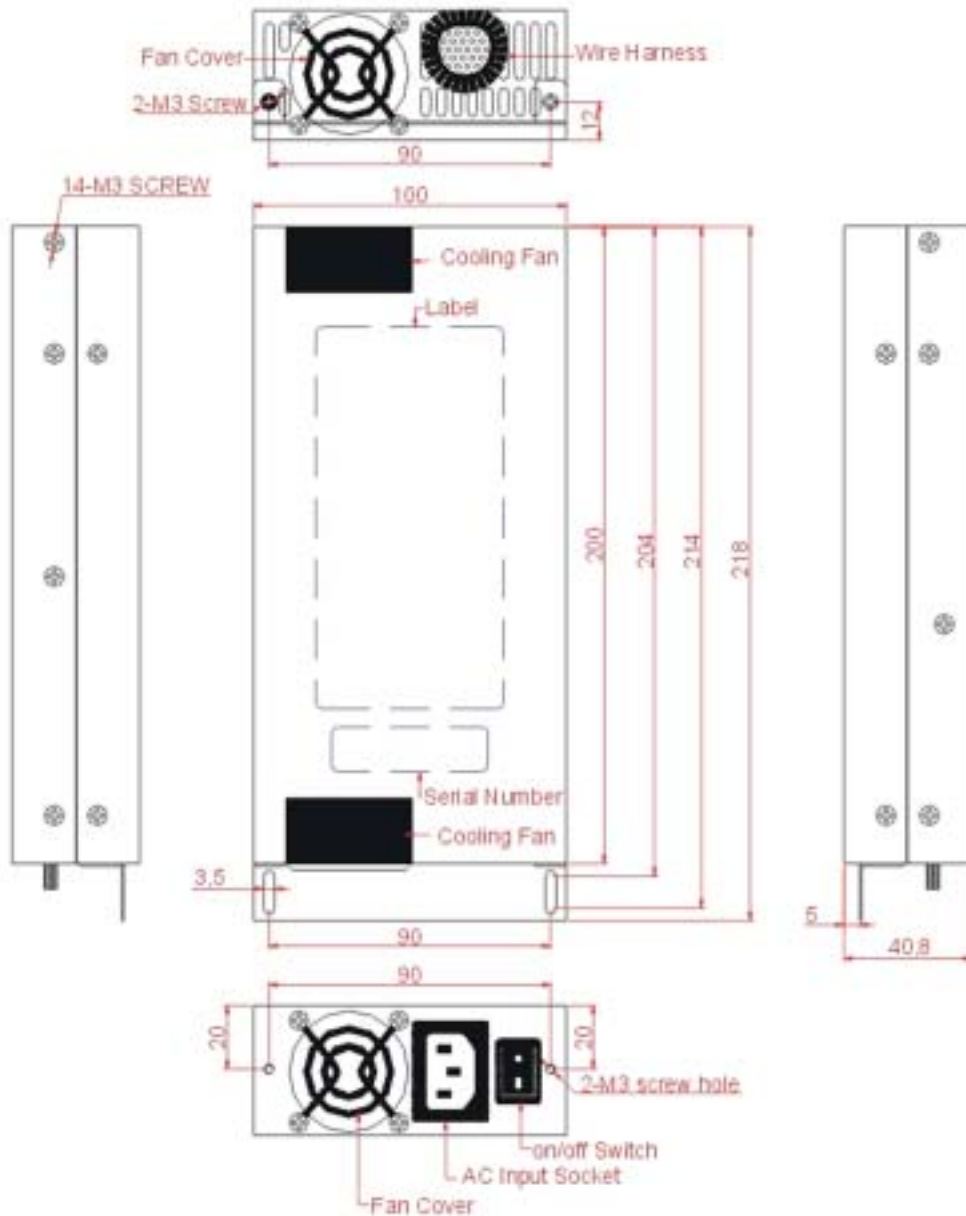
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**Mechanical Drawing:**



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**Wire Harness:**

<b>P1</b> Main Power Connector 	PINNO.	Line Color	Function	PINNO.	Line Color	Function
	13	Orange	+3.3V	1	Orange	+3.3V
	14	Blue	-12V	2	Orange	+3.3V
	15	Black	GND	3	Black	GND
	16	Green	PS-ON	4	Red	+5V
	17	Black	GND	5	Black	GND
	18	Black	GND	6	Red	+5V
	19	Black	GND	7	Black	GND
	20	NC	Reserved	8	Gray	PG
	21	Red	+5V	9	Purple	5VSB
22	Red	+5V	10	Yellow	+12V	
23	Red	+5V	11	Yellow	+12V	
24	Yellow	+12V	12	Orange	+3.3V	
<b>P2</b> +12V Power Connector 	PINNO.	Line Color	Function	PINNO.	Line Color	Function
	5	Yellow	+12V	1	Black	GND
	6	Yellow	+12V	2	Black	GND
	7	Yellow	+12V	3	Black	GND
8	Yellow	+12V	4	Black	GND	
<b>P3</b> +12V Power Connector 	PINNO.	Line Color	Function	PINNO.	Line Color	Function
	3	Yellow	+12V	1	Black	GND
4	Yellow	+12V	2	Black	GND	
<b>P6</b> Floppy Drive Connector 	PINNO.	Line Color	Function	PINNO.	Line Color	Function
	3	Black	GND	1	Yellow	+12V
4	Red	+5V	2	Black	GND	
<b>P10</b> Serial ATA Connector 	PINNO.	Line Color	Function	PINNO.	Line Color	Function
	4	Black	GND	1	Yellow	+12V
	5	Orange	+3.3V	2	Black	GND
3	Red	+5V	3	Red	+5V	
<b>P4</b> <b>P5</b> <b>P7</b> <b>P8</b> Peripheral Power Connector 	PINNO.	Line Color	Function	PINNO.	Line Color	Function
	3	Black	GND	1	Yellow	+12V
4	Red	+5V	2	Black	GND	
<b>P9</b> Battery Connector 	PINNO.	Line Color	Function	PINNO.	Line Color	Function
	2	White	+24V	1	Black	GND
 P10 500mm	 P9 270mm	 P6 P7 P6 500mm 150mm 150mm	 P5 P4 500mm 150mm	 P3 500mm	 P2 500mm	 P1 500mm