

# JASUNY®

Ultimate-Pro Power Solution

## Professional Power System —With Extra Protection

**Model:**  
**JUTX7350**  
**JUTX7400**  
**JUTX7460**  
Meet ATX 12V



### 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"
- Inrush current limited

#### 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.
- Boot with any single source either AC or DC
- Batteries extensible and hot-swappable
- Ni-MH battery (option)
- Meet the ATX 12V

#### 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)
- Battery Life Time monitoring (Option)

#### Special Predominance

- Battery discharge / charge protection
- Auto-sensing thermal control, low acoustic noise.

#### 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: 24V
- DC efficiency input typical:  $\geq 65\%$
- Low ripple & noise
- Short circuit protection
- Over load and Voltage protection
- Dielectric withstand input to ground:1800Vac1sec
- Line regulation:  $\pm 1\%$  typical
- Load regulation:  $\pm 5\%$  typical
- Operating/storage Temp. 0℃~45℃/ -40℃~ 50℃
- Hold-up time :  $\geq 18\text{mS}$
- P/G signal delay: Power on 100~500mS; off >1mS.
- MTBF: 100K Hrs typical, at 25℃.
- EMC regulation CE EMC, FCC part 15 class B
- Safety compliance with UL, c-UL, CE LVD
- Dimension: W150 xD140 xH86 mm

### Battery Selection:

#### JUTX7350~JUTX7460 Models List:

Model	INPUT		Output max								Total output W
	Vac	Vdc	+5V A	+3.3V A	W	+12V 1	-5V A	-12V A	+5Vsb A	charge A / V	
JUTX7350	100~240	24	20	22	160	18	-	0.8	2	0.5 / 28	350
JUTX7400	100~240	24	28	25	200	25	-	0.8	2	0.5 / 28	400
JUTX7460	100~240	24	30	25	200	30	-	0.8	2	0.5 / 28	460

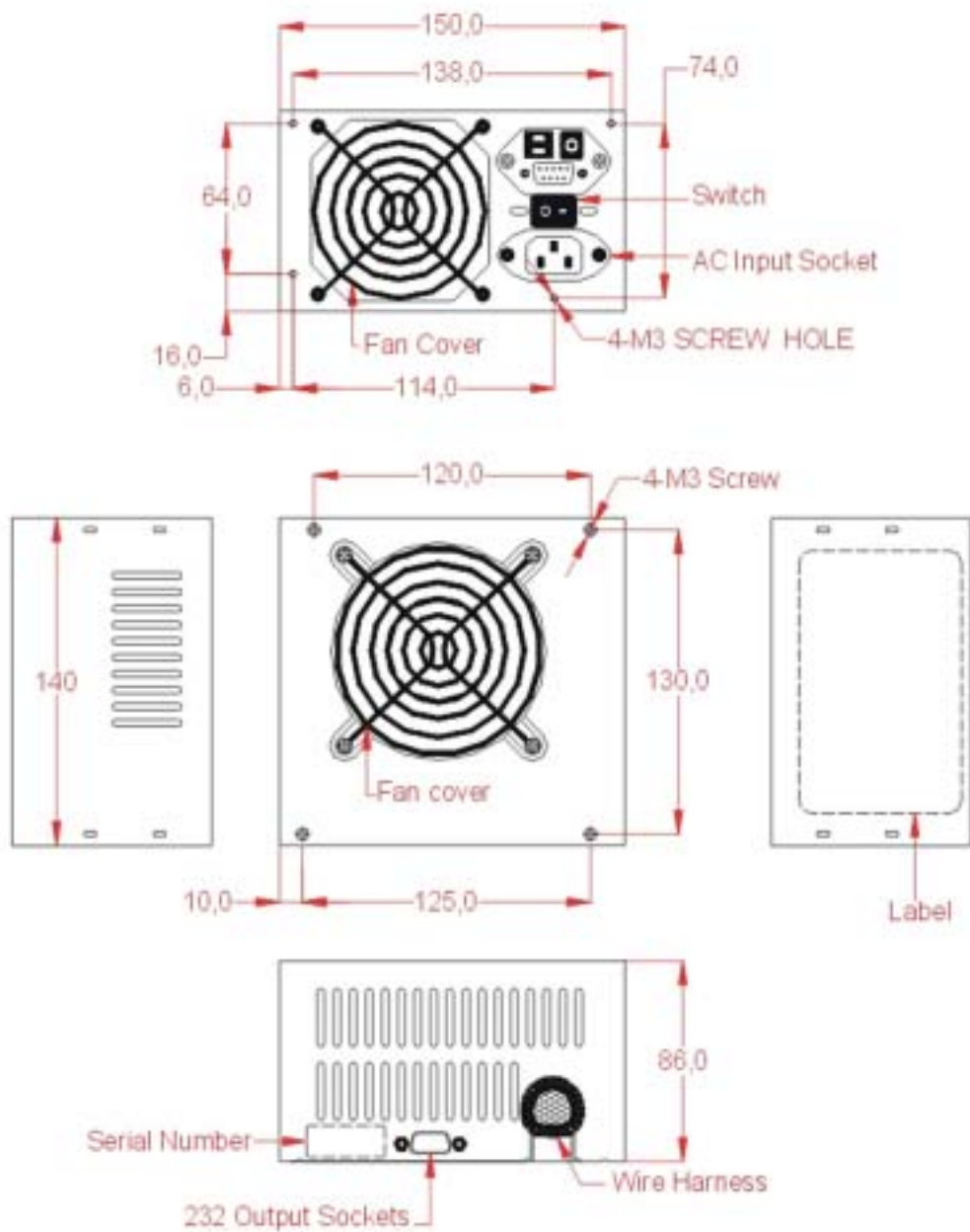
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**Mechanical Drawing:**



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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	White	-5V	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
<b>P3</b>  +12V Power Connector	PINNO.	Line Color	Function	PINNO.	Line Color	Function
	3	Yellow	+12V	1	Black	GND
<b>P6</b>  Floppy Drive Connector	PINNO.	Line Color	Function	PINNO.	Line Color	Function
	3	Black	GND	1	Yellow	+12V
<b>P12</b>  Serial ATA Connector	PINNO.	Line Color	Function	PINNO.	Line Color	Function
	4	Black	GND	2	Black	GND
<b>P4</b> <b>P5</b> <b>P7</b> <b>P8</b> <b>P9</b> <b>P10</b> Peripheral Power Connector	PINNO.	Line Color	Function	PINNO.	Line Color	Function
	3	Black	GND	3	Red	+5V
<b>P11</b>  Battery Connector	PINNO.	Line Color	Function	PINNO.	Line Color	Function
	2	Yellow	+12V	1	Black	GND