

JASUNY®

Ultimate-Pro Power Solution

Professional Power System —With Extra Protection

Model: JUJX7300 JUJX7350

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: $\geq 70\%$
- 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: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

Battery Selection:

JUJX7300~JUJX7350 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 | JUJX7300 | 100-240 | 24 | 25 | 20 | 150 | 18 | | | | - | 0.5 / 28 | 0.8 | 2 | 300 |
| 2 x Fans | JUJX7350 | 100-240 | 24 | 28 | 20 | 180 | 25 | | | | - | 0.5 / 28 | 0.8 | 2 | 350 |

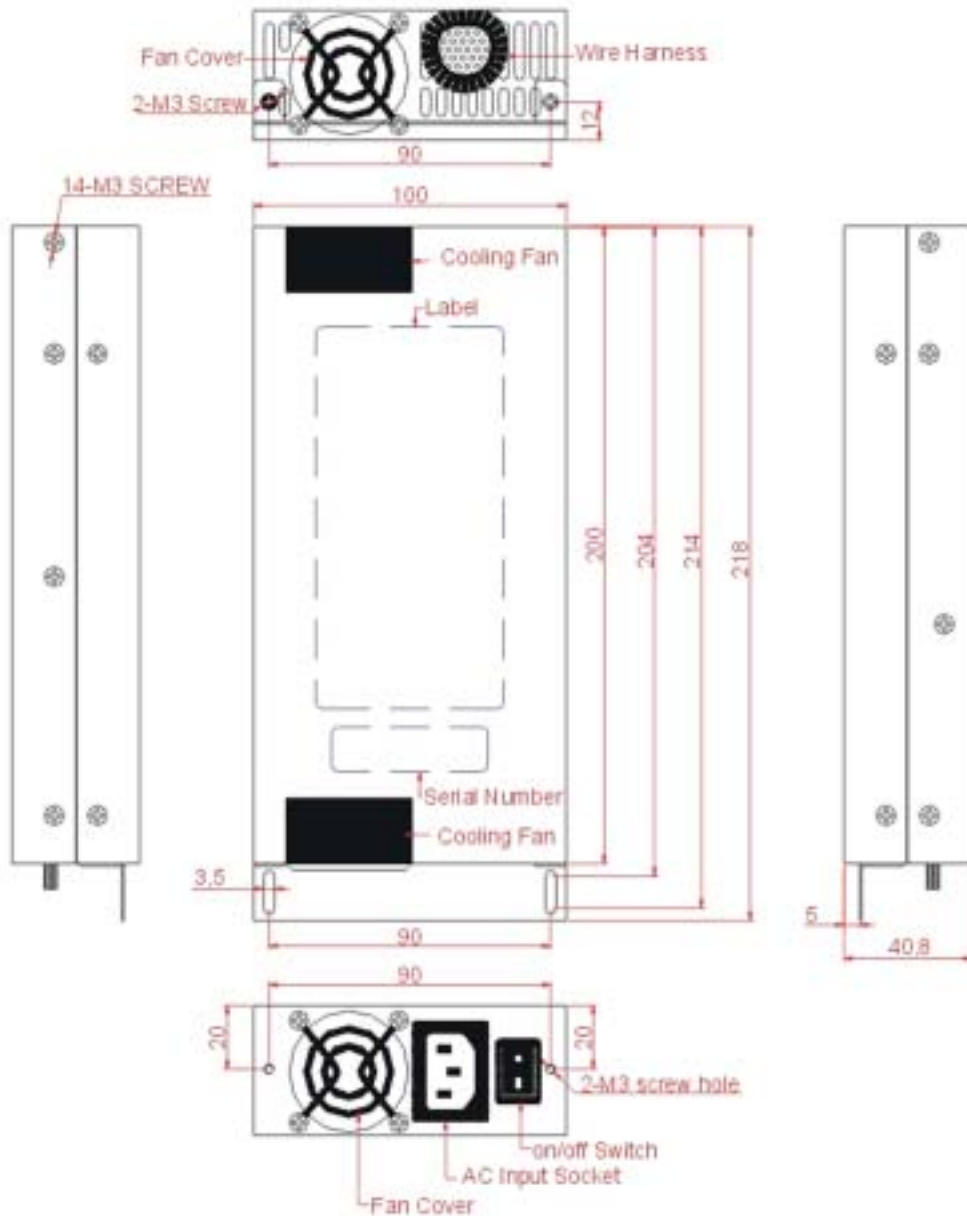
JASUNY®
Ultimate-Pro Power Solution

Professional Power System
—With Extra Protection

Model:
JUIX7300
JUIX7350
Meet ATX 12V 2.01



Mechanical Drawing:



JASUNY®

Ultimate-Pro Power Solution

Professional Power System

—With Extra Protection

Model:
JUIX7300
JUIX7350

Meet ATX 12V 2.01



Wire Harness:

| | | | | | | |
|--|-----------------|-----------------------------------|--------------------------|-----------------|-----------------|-----------------|
| P1 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 |
| P2 +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 |
| P3 +12V Power Connector | PINNO. | Line Color | Function | PINNO. | Line Color | Function |
| | 3 | Yellow | +12V | 1 | Black | GND |
| | 4 | Yellow | +12V | 2 | Black | GND |
| P6 Floppy Drive Connector | PINNO. | Line Color | Function | PINNO. | Line Color | Function |
| | 3 | Black | GND | 1 | Yellow | +12V |
| | 4 | Red | +5V | 2 | Black | GND |
| P10 Serial ATA Connector | PINNO. | Line Color | Function | PINNO. | Line Color | Function |
| | 4 | Black | GND | 1 | Yellow | +12V |
| | 5 | Orange | +3.3V | 2 | Black | GND |
| P4 P5 P7 P8 Peripheral Power Connector | PINNO. | Line Color | Function | PINNO. | Line Color | Function |
| | 3 | Black | GND | 1 | Yellow | +12V |
| P9 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 |