



ATX 12V TYPE

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

- To avoid energy loss of traditional UPS
- Only one time E-M energy transfer.
- Auto battery recharge

Widely Input and Flexible Output

- AC 165~240V and DC (12V) parallel inputs.
- Batteries extensible and hot-swap
- Ni-MH battery, (option)
- Meet the ATX 12V
- Monitor Support (AC same input & High Vdc)

Intelligent Control & Monitoring

- USB interface compatibility with O/S:
WINDOWS, LINUX,

Special Predominance

- Battery discharge / charge protection

Specification:

- AC input Voltage:165~240V
- AC input frequency: 47~ 63Hz
- Passive PFC .
- AC efficiency typical: $\geq 73\%$
- DC input Voltage:12V (10-14V)
- DC efficiency input typical: $\geq 67\%$
- 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°C~45°C / -40°C~ 50°C
- Hold-up time : $\geq 18\text{ms}$
- P/G signal delay: Power on 100~500mS; off > 1mS.
- MTBF:100K Hrs typical, at 25°C
- EMC : meet EN55022 A, EN55024
- Safety: meet EN60950
- CCC approval
- Dimension: W150 x D140 x H86 mm
- Cooling: 80mmx80mm x 1

Battery Selection

Extensible Battery Pack.

USPS = UPS + SMPS

Model	USPS output power	Total Efficiency	UPS Minimum	SMPS output	Total Efficiency
JUTX5230	230W	77%	542 VA	230W	62%

JUTX5230

	INPUT		Output Current min/max. (A)									
	Vac	Vdc	+ 5V	+3.3V	5V & 3.3V	+12V	-12V	+5VSB	Charge 14V	Monitor	I for PC	Tota
	V	V	A	A	W	A	A	A	A	W	W	W
JUTX5230	160-240	12	0.2 /14	0.1 /13	103	0.6 /14	0/0.3A	0/2	0.5	50	180	230



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Mechanical Drawing:

