

Online UPS

TS906PS-TS9010PS

6KVA-10KVA

Features :

- Tower design
- High frequency and true double-conversion
- DSP digital control technology
- Input power factor correction (PFC)
- Wide input voltage range (110 V ~ 300 V)
- Output power factor 0.9
- Cold start
- Auto sensing frequency
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- 50 Hz / 60 Hz frequency conversion mode
- Selectable battery low voltage via LCD
- Power-on self test
- Advanced battery management (ABM)
- Short circuit and overload protection
- Automatic charging in OFF mode
- Fan speed auto control when temperature varies
- Standard RS232 communication port and RJ45 protection
- Optional USB / SNMP communication port
- Optional emergency power off (EPO)
- Optional extension battery bank
- Optional N+X redundancy parallel



Rear Panel:

- 1- Overcurrent Protection
- 2- Modem/Tel/Fax
- 3- Fan
- 4- RS232
- 5- SNMP (Optional)
- 6- Manual Bypass(Optional)
- 7- Terminal



Specifications:

| MODEL | TS906S | TS9010S |
|----------------------|---|-----------------|
| Capacity | 6 KVA / 5400 W | 10 KVA / 9000 W |
| INPUT | | |
| Rated voltage | 208 V / 220 V / 230 V / 240 Vac | |
| Voltage range | Half load (115 ~ 295) ± 5 Vac, full load (160 ~ 295) ± 5 Vac | |
| Frequency | 40 ~ 70 Hz ± 0.5 (auto-sense) | |
| Power factor | ≥ 0.99 | |
| Bypass voltage range | 160 V ~ rated output voltage + 32 V | |
| OUTPUT | | |
| Voltage | 208 V / 220 V / 230 V / 240 Vac (settable via LCD) | |
| Voltage regulation | ± 1% | |
| Frequency | Synchronized with utility in mains mode; 50 / 60 Hz ± 0.2 Hz in battery mode | |
| Waveform | Sinusoidal | |
| Crest factor | 3:1 | |
| Harmonic distortion | ≤ 2% (linear load); ≤ 5% (non-linear load) | |
| Transfer time | Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 0 ms | |
| Overload | 105% ~ 125% for 3 mins, 125% ~ 150% for 30 s, >150% for 1 s | |
| EFFICIENCY | | |
| Mains mode | ≥ 92% | |
| Battery mode | ≥ 91% | |
| ECO mode | ≥ 98% | |

| BATTERIES | | | |
|-----------------------------------|----------------------------------|---|--|
| DC voltage | | 192 V | |
| Inbuilt battery of standard model | | 16×7 Ah | 16×9 Ah |
| Charging current | Standard model | 1 A | |
| | Long time model | 1 A / 3 A / 5 A / 8 A | |
| Recharge time | | 8 h | |
| ALARMS | | | |
| Utility failure | | 4 s per beep | |
| Low battery | | 1 s per beep | |
| Overload | | 1 s twice beep | |
| UPS fault | | Long beep | |
| COMMUNICATIONS | | | |
| RS232 (standard), USB (optional) | | Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10 | |
| OTHERS | | | |
| Humidity | | 20 ~ 90% RH @ 0 ~ 40°C (non-condensing) | |
| Noise level | | ≤ 55dB (1m) | |
| Long time model | Dimensions (W×D×H) (mm) | 440×555×132 | |
| | Packaged dimensions (W×D×H) (mm) | 535×660×215 | |
| | Net / Gross weight (kg) | 16.4 / 20.7 | 17.1 / 21.4 |
| Standard model | Dimensions (W×D×H) (mm) | 440×555×132 (UPS), 440×555×132 (BAT) | |
| | Packaged dimensions (W×D×H) (mm) | 535×660×215 (UPS), 540×685×235 (BAT) | |
| | Net / Gross weight (kg) | 16.4 / 20.7 (UPS) 43.6 / 47.1 (BAT) | 17.1 / 21.4 (UPS) 49.6 / 53.1 (BAT) |

*

Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208Vac

- * S means standard model
- * All specifications subject to change without notice
- * Custom-made specifications are acceptable