

Online UPS

TSR906S-TS9010S

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)

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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