TSC-Li Series

1–3kVA online Tower UPS



Power range

1~3kVA

Operation

1P/1P, online double conversion

Applications

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.

Characteristics

- High efficiency up to 95.5%.
- Output PF=1, high load adaptability.
- Wide input voltage range of 110~300 VAC .
- Standard model max charging current up to 4A.

Model		TSC001B-Li	TSC002B-Li	TSC003B-Li
Rate Power		1kVA/1kW	2kVA/2kW	3kVA/3kW
Cold start		Default output 50/60Hz		
Input voltage range		110~300VAC;100% load@176VAC~276VAC, 100%~50% power derating@110VAC~176VAC, 50% load@276VAC~300VAC		
Input power factor		≥0.99		
Frequency range		50/60±5Hz(default), ±3Hz(settable)		
Output power factor		1.0		
Output	Rate voltage	208VAC/220VAC/230VAC/240VAC		
	Load response	≤5% (0% - 100% -0%)		
	Recovery time	≤40ms (0% - 100% -0%)		
	Output THDu	≤2% , Linear load ; ≤ 5% non-linear load according to IEC62040-3		
	Socket(option)	IEC, Schuko, NEMA, South Africa, UK		
Transfer time	Main to BAT	0		
	INV to BYP	4ms		
Crest factor		3:1		
Efficiency (normal mode)		Up to 95.0%	Up to 95.5%	
Noise (1 meter)		45dB@>70% load or >6A charge	50dB@>70% load or >6A charge	50dB@>70% load or >6A charge
Overload	Normal	102%~110%: 30mins, 110%~125%:10mins, 125%~150%: 30 seconds		
	Battery mode	102%~110%: 1min, 110%~125%: 10 seconds, 125%~150%:5 seconds		
	Bypass mode	<130%: long time, 130%~150%:10mins, 150%~180%:5 seconds		
Battery	Model	12.8Vdc/9AH for standard model		
	Quantity	2/3	4/6	6/8
	Max charging	1-4A(optional)	1-4A(optional)	1-4A(optional)
	Rate voltage	25.6VDC/38.4VDC	51.2VDC/76.8VDC	76.8VDC/102.4VDC
Standard		EPO, RS232		
Option		SNMP card, AS400, USB, RS485, Air filter		
Dimension, W*D*H(mm)		144*350*223	190*400*328	190*400*328
Weight (kg)		16.6/19.1	21.5/26.7	26.7/31.5